



**2011
Spring
Master Class
Schedule**
www.gtc.edu



**Spring Classes
Begin January 19**

Important Dates!

Spring 2011

January 19 - May 10

January 17	.....	.Martin Luther King Day/No Classes
January 18	.....	.Faculty Inservice/No Classes
January 19	.....	.Spring Semester Begins
March 1	.....	.Faculty Inservice/No Classes
March 1	.....	.Enrollment Services Inservice/No Classes
March 14-18	.....	.Spring Break/No Classes
March 31	.....	.Apply for 2011 Graduation Deadline
April 22-25	.....	.Holiday/College Closed
April 28	.....	.Open Registration for Summer & Fall Begins
May 10Spring Semester Ends
May 11Faculty Inservice/No Classes
May 17Graduation

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Gateway Campus/Center On-site Registration Locations



Elkhorn Campus

400 County Road H, Elkhorn, WI



Kenosha Campus

3520-30th Avenue, Kenosha, WI



Racine Campus

1001 S. Main Street, Racine, WI



Burlington Center

496 McCanna Parkway, Burlington, WI

Registration

Information on each of our career training educational programs is available at www.gtc.edu/careers. If you want information on admission to Gateway—an open enrollment college—see www.gtc.edu/admissions.

Register early for best class selection! Please make sure your account is in good standing. Gateway continues to make registering for courses easier for you. Two registration options (see page 3) are open to you. The entire registration policy and procedure can be found online at www.gtc.edu/registration.

Priority Registration Dates

Students accepted to a program with the greatest number of GPA credits get registration preference.

If you have earned the following number of GPA credits:

You may register:

60 credits or more	Beginning November 15
45 credits or more	Beginning November 16
30 credits or more	Beginning November 17
20 credits or more	Beginning November 18
10 credits or more	Beginning November 19
1 credit or more	Beginning November 22
Currently enrolled, 0 credits completed	Beginning November 23-24

You can learn how many credits you have through WebAdvisor: www.gtc.edu/webadvisor
Please look under the Student menu, then under the Registration category.

The \$40 class reservation deposit is waived for continuing students who register November 15 - 24.

(This does not reduce your tuition and fees.)

REGISTRATION HOURS...



Monday – Thursday

8:00 a.m. – 7:00 p.m.

Friday

8:00 a.m. – 4:00 p.m.

Early Closings:

November 24, December 22, 23 at 4:00 p.m.

Closed:

November 25, 26 & December 24-January 2

Registration begins:

November 15

Currently Enrolled
Program Students

November 29

New Credit
Program Students

December 2

Open Registration

Registration Options



1

Walk-in

Register in the Student Services department on any Gateway campus. Photo I.D. required. The Registration Form is available in Student Services or online at www.gtc.edu. Type "registration form" in the Search box.

ELKHORN CAMPUS

400 HWY H
Elkhorn, WI
262.741.8300
1.800.247.7122

KENOSHA CAMPUS

3520-30th Avenue
Kenosha, WI
262.564.2300
1.800.247.7122

RACINE CAMPUS

1001 S. Main Street
Racine, WI
262.619.6300
1.800.247.7122

BURLINGTON CENTER

496 McCanna Blvd.
Burlington, WI
262.767.5300
1.800.247.7122



2

Online



1. Go to www.gtc.edu
2. Click on the WebAdvisor icon



If you are not ready to register, but want to see which classes are available, click "Search for Classes (Sections)"

If you are a Continuing Student...

3. Click "Students"
4. Click "Log In"
5. Enter your 7 digit Gateway Student ID#, including leading zeros
(Example: for ID 222, enter 0000222)
6. Enter your case sensitive password

If you are new to Gateway Technical College...

- 3a. Click "Prospective Students"
- 3b. Click "I Am New to Gateway" to set up your record, get your 7 digit ID# and a temporary password so you can register
4. Click "Log In"
5. Enter your 7 digit Gateway Student ID#
- 6a. Enter your temporary password
- 6b. Choose a new password, if desired
- 6c. Click "Students"

7. Click "Register for Sections" under the "Registration" heading
8. Select a Registration Option
9. After registering, review your schedule for accuracy on "My Class Schedule" under the "Academic Profile" heading



Paying for College

Gateway Technical College provides several options for payment of tuition (see: www.gtc.edu/paymentoptions). A payment option must be in place by January 5, 2011 for 2011 Spring semester or student will be dropped from all active classes. Resident and out-of-state tuition available at www.gtc.edu/tuition.

Class Reservation Deposit for Credit Students Only

- A \$40 deposit will hold 2011 Spring classes until January 5, 2011.
- A payment option must be selected by the above date to prevent being dropped from all active classes. The \$40 deposit is nonrefundable if a payment option is not selected by January 5, 2011 for 2011 Spring classes.
- If registering after January 5, 2011 for 2011 Spring, you must select a payment option upon registration.

Payment Option #1

PAY FEES IN FULL by cash, check, or credit card at Student Services or over web by credit card at www.gtc.edu/webadvisor (select "Make A Payment"). Student's account must be paid in full by January 5, 2011, or student will be dropped from all active classes.

Payment Option # 2

PROVIDE AN AUTHORIZATION TO Student Services. All third party payments (company/employer, agency authorizations) and financial aid deferments must be on file at Gateway Technical College by the due date above.

Payment Option # 3

Student Payment Plan

Only available for 3 or more credits. Students registered for CNA class only are not eligible.

- Payment Plan is open for enrollment for 2011 Spring from November 15, 2010 through February 4, 2011.
- Enroll and make required deposit payment at Student Services, with mail-in remittance form or online at www.gtc.edu, click on "WebAdvisor" (select "Gateway Technical College Payment Plan").
- Plan requires a deposit of 40% of eligible tuition/fees plus a \$15.00 process fee.
- Student's account balance after deposit to be paid in 2 installments.

For SPRING 2011 plan: 1st installment due March 4, 2011 and 2nd installment due April 1, 2011.

- Maximum on plan after required deposit is \$2000.00. Any tuition/fees over \$3333.00 must be paid in full at time of enrolling on plan. A late fee is charged if an installment payment is not received to student's account by due date.
- Numerous crucial details students need to be aware of about the payment plan are available online at www.gtc.edu/paymentoptions.

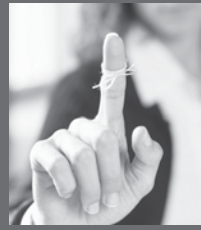


Financial Aid

Financial aid is financial assistance to help students of any age meet their educational costs. Nearly 95% of all Gateway students who have applied for financial aid have received some form of it. Please see www.gtc.edu/financialaid for important details.

All students must complete the Free Application for Federal Student Aid (FAFSA) or Renewal FAFSA. Students are encouraged to apply online by accessing www.fafsa.gov. Completing this form allows Financial Aid to determine eligibility for all types of financial aid.

Students are urged to file the FAFSA as soon as possible. It can take 5 - 6 weeks to process.



**Priority Application Dates
for the 2010-2011 Academic Year**

SummerApply by April 1
FallApply by July 1
SpringApply by November 1

Types of aid available to Gateway students include:

- Grants (do not have to be repaid unless you stop attending)
- Student Loans (must be repaid)
- Student Employment (you work and earn money to help pay for college)

Eligibility Requirements:

- Be accepted into a Technical Diploma or Associate Degree Program.
- Meet program entry requirements before the start of the semester.
- Be a U. S. citizen, a National or a permanent resident of the United States.
- Demonstrate financial need as determined by Gateway's Financial Aid Office through the Financial Aid Application (FAFSA) process.
- Not be in default on any educational loan, or demonstrate an unwillingness to repay any educational loan and/or owe any overpayment to Gateway Technical College or the U. S. Department of Education.
- Be in compliance with Selective Service regulations.
- Be enrolled at least half-time status to receive most types of financial aid.
- Maintain satisfactory academic progress as defined by Gateway's Financial Aid Office.
- Must participate in Loan Entrance/Exit Counseling if award includes loan.

FINANCIAL AID STUDENTS



Activate your Gateway Plus Card at:
www.GatewayPlusCard.com

To complete the activation you will need:

- Access to Internet with capability to receive e-mail
- Gateway Plus Card
- An e-mail address – personal or Gateway assigned email address**
- Social Security number
- Driver's license information (not required)
- Have decided on your preference choice?
- Easy Refund with Gateway Plus Card
OR
- ACH (electronic transfer) to your bank. Do this by completing, printing, and mailing the form, with your bank routing number and account number, to Higher One.

You must confirm your address to complete the activation process. Watch for an e-mail from Gateway Plus Card giving you the information needed to confirm your e-mail address. Activation does not mean financial aid funds are on your card. Student will receive an email when financial aid funds have been applied to card.

No access to a computer at home?

**Activate your card
at Gateway in our open labs!**

Racine Room T204
Kenosha Room A205
Elkhorn Room N208

** To check your Gateway e-mail address, log on to WebAdvisor, Under "Academic Profile" click on "My Profile"

Are you ready for Distance Learning?

An alternative to traditional classroom learning

Gateway offers several ways for students to take classes while not physically in the classroom with the instructor. Distance learning connects students through Internet and interactive videoconferencing so that the student can take the class from home or from a location that is more convenient than where the instructor is teaching.



Gateway's Distance Learning Options



INET (Internet Study)

Courses with materials delivered through the Internet. It is recommended students have computers at home with web access; however, work can be completed at any site, including Gateway Technical College student computer labs, which have a web connection.



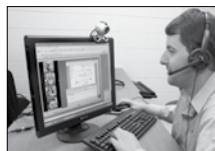
ITV (Interactive TV)

Courses are delivered in a classroom setting with television and camera links to other sites. Instructors often alternate between sites for more personal interaction. Students should register at the campus that they will attend.



BLND (BLENDED)

Courses delivered by both internet and traditional classroom.



IPVID (IP Video, NODAL, and DELTA)

Courses that utilize Internet-delivered video as a key component of their design and delivery.

More information about Distance Learning

A great deal of information is available to students on the Distance Learning website at www.gtc.edu/distancelearning. More and more students are taking courses outside the traditional college setting.

Are you ready for Distance Learning? Find out by completing the SmartMeasure assessment. It will take you 20-30 minutes from start to finish, but you may log out and complete it later if necessary.

After you log in to SmartMeasure, you will receive an email from SmartMeasure with SmartMeasure PIN number that will allow you to log back in later or view your results again. Your SmartMeasure score will not prevent you from registering for online classes. It is a tool that will help you assess your strengths and weaknesses related to distance learning in five areas. The website for SmartMeasure is: [http://cws.gtc.edu/departments/distance-learning/READI Introduction 4 Web.htm](http://cws.gtc.edu/departments/distance-learning/READI%20Introduction%204%20Web.htm)

Burlington Center Student Services767-5300
Elkhorn Campus Student Services741-8300
Kenosha Campus Student Services564-2300
Racine Campus Student Services:619-6300

Remember, there is an additional \$10 per credit charge, with a minimum charge of \$10, for classes offered via the Internet.

Receive Materials: Department procedures may vary. Check course descriptions online for specific instructions. If you need assistance, visit: www.gtc.edu/distancelearning for online training demos, or please contact the educational department office for your course.

Search for Distance Learning classes using WebAdvisor:

- Go to <http://www.gtc.edu> and click on WebAdvisor. Select the "Search for Classes" category.
- On that form, you need only select two things:
 1. Under Term, select the term you are interested in.
 2. Then scroll down to Course Type and use the pull-down menu to choose the INET, ITV, and IPVID programs.
- Then hit the Submit button. You will see all the courses offered during the chosen semester that you can take.

Additional Alternative Course Delivery Methods

AC (Accelerated)

Accelerated courses are ideal for busy work-experienced adults who are self-disciplined and can take a significant amount of responsibility for their own learning. These courses often offer students a unique combination of independent study and group interaction. Class time is often spent in group activities and discussion rather than in didactic lectures. Since Accelerated courses have considerably fewer class sessions over a shorter time period, attendance at all sessions is essential. Most courses require counselor, instructor, or departmental approval.

ST (Stacked Class)

Stacked courses are delivered in a traditional classroom setting with established meeting times and dates during the semester. Other courses with common core competencies will be meeting simultaneously in the same classroom, typically being taught by

the same instructor(s) who make adjustments for the unique requirements of a course.

SP (Self-paced Labs)

Students can generally start anytime during a typical semester. Course work will be completed in an open laboratory setting with students in other courses or at different levels within the course in which they have enrolled. Instructors develop an individualized plan with the student to complete the competencies of the course. Weekly schedules are arranged between the instructor and students to meet individual needs.

OPEN Entry

Open courses are indicated throughout the schedule. These courses are offered on an open-entry flexible schedule. Each student will meet with the instructor to establish a schedule.

Do you need to apply to Gateway?

Gateway is here to help you succeed. Hands-on training, cutting-edge technology, more than 65 career options, and staff with working world wisdom makes Gateway a smart choice for your future. Are you ready to amaze yourself with the skills you will acquire?

Ready to begin? First, you must decide one of two things:

- Are you seeking to graduate from a program or certificate? Apply now. See the application priority dates below.
- Do you wish to enroll in a non-credit class, program, or seminar? No application is necessary; proceed to Registration.

Those seeking to start an exciting new career and earn a degree or diploma or certificate need to apply to their chosen program. While Gateway Technical College accepts applications on an ongoing basis, we do have priority admission dates prior to the start of each semester.

Application Priority Dates

March 1 Summer Semester
July 1 Fall Semester
November 1 Spring Semester

Complete your file for admission by the dates above and we guarantee admission to your program by the Priority Student Registration and Financial Aid file completion dates!



Benefits of program admission?

- You will receive up-to-date information.
- Priority Registration - You get to choose your classes and register before non-program students.
- To be eligible for financial aid, you must be accepted to a program.
- A program's course requirements can change frequently. Acceptance locks you in to the program courses for the year you are accepted.

No application is necessary for students enrolling in a non-credit class, a non-credit program, seminar, or a course to improve your skills or for personal enrichment.

You can proceed directly to registration. Students are encouraged to meet with a program counselor to discuss program information, course selection, and any other additional requirements.

Class Availability at Gateway

- Students interested in attempting to register for a closed class should monitor seat availability via WebAdvisor.
- If a seat becomes available in a closed class, the class will be reopened. The open status and number of seats available will be immediately displayed via WebAdvisor.
- Students will be able to register via WebAdvisor or in person for newly reopened classes through the normal registration process, as seats are available.



Follett Bookstore

www.efollett.com

GED testing brush-up sessions

- 10-week (afternoons) structured GED brush-up sessions
- Offered at Gateway's Racine, Kenosha, and Elkhorn campuses (Check with individual campus for start dates and times.)
- No course tuition charged to Wisconsin residents, however a textbook will need to be purchased.

**Register at the Student Services Office
of any of the following campuses.**

For more information, contact:

Kenosha Campus: 262-564-2200

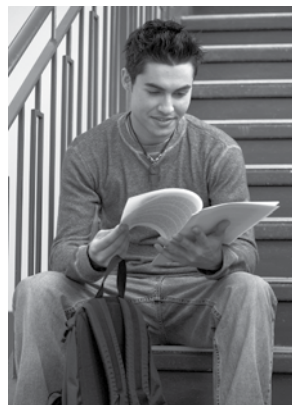
Racine Campus: 262-619-6200

Elkhorn Campus: 262-741-8200



ELL

English Language Learners



**To learn more about ELL
or to schedule an orientation
appointment:**

In **Kenosha**, call 564.2796
or stop in Room A117

In **Racine**, call 619.6218
or stop in Room R217

In **Elkhorn**, call 741.8184
or stop in Room 102

In **Burlington**, call 767.5090
or stop in Room 123



Senior Citizen Audits of Postsecondary Courses

Wisconsin residents, 60 years or older, may audit a technical diploma or associate degree course at a significantly reduced rate, provided space is available. Material, activity, and other miscellaneous fees will still be charged. Forms for requesting a senior audit are available at registration. If the senior wants credit for the course, regular registration procedures and charges apply.

Senior Citizens and ACE Classes

Wisconsin citizens 62 years of age or older can attend Adult Continuing Education (ACE) classes by paying only material and miscellaneous fees. Please contact registration for information. This reduced rate is not available for Motorcycle Rider, Emergency Medical Technician, Group Dynamics, or Multiple Offender classes.



HOW TO READ THIS SCHEDULE

	Course Number	Course Name		Credits	
		307-108 SUPERVISED PARTICIPATION & SEMINAR		4.00 CR	
Fee →	\$FEE.	(PREREQUISITE- 307-104 Early Childhood Observations & Recording;			← Prerequisite
		COREQUISITE- 307-107 Curriculum Planning, 801-195 Written Communications)			← Corequisite
Course Description →	Opportunity for interaction with young children in two early childhood programs. Student will act as a teacher's aide to gain procedures for guiding child behavior and development.				
Campus →	<i>Specific Campus Name</i>				
CLASS number →	xxx-xxx-xxxx	MWF	8:00-9:00am	1/21-5/20	← Start/End Dates
		Th	9:00-11:00am	1/23-5/18	
		F	9:00-10:00am		← Meeting Time
Day(s) of Week →	xxx-xxx-xxxx	MW	11:30-1:00pm	1/21-5/20	
	xxx-xxx-xxxx	S	8:00-11:30am	1/24-5/16	
	xxx-xxx-xxxx	W	7:00-10:00pm	1/21-5/20	
Distance Learning Marker →	xxx-xxx-xxxx	MTWThF	12:00-12:50pm	1/21-5/20	To Be Announced - contact department for information
	xxx-xxx-xxxx	ITV	TBA		← Notice/Message
	xxx-xxx-xxxx	T	5:00-8:00pm	1/21-5/20	
Off Campus Classes →	<i>Off Campus</i>				
	Location Name				
	xxx-xxx-xxxx	MWF	7:00-8:00pm	1/21-5/20	

Class Number: 10 or 11 digit number

Prerequisite: Must be completed before beginning the course.

Corequisite: Can be taken currently with the desired course, or prior.

Course work: Some courses require proficiency, such as typing ability.

M = Monday T = Tuesday W = Wednesday Th = Thursday F = Friday S = Saturday	ALTERNATIVE DELIVERY	
	AC = Accelerated	TELCR = Telecourse
	INET = Internet Study	VIDEO = Video Tapes
	ITV = Interactive TV	IPVID IP Video =
	PRINT = Print Based Correspondence	Courses that utilize Internet-delivered video as a key component of their design and delivery.
	SP = Self-Paced Labs	
ST = Stacked Class		

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Communication Skills

801-136 English Composition I 3.00 CR

S347.44 PREREQUISITES: 831-103 College Writing, Intro

This course is designed for learners to develop knowledge and skills in all aspects of the writing process. Planning, organizing, writing, editing and revising are applied through a variety of activities. Students will analyze audience and purpose, use elements of research, and format documents using standard guidelines. Individuals will develop critical reading skills through analysis of various written documents.

Kenosha

801-136-3K11	MW	04:45P-06:15P	01/19-05/09
801-136-3K12	M	06:30P-09:30P	01/24-05/09
801-136-3K13	Th	06:30P-09:30P	01/20-05/05
801-136-3K1A	M	07:00A-10:00A	01/24-05/09
801-136-3K1B	M	10:15A-01:15P	01/24-05/09
801-136-3K1C	T	07:00A-10:00A	01/25-05/10
801-136-3K1D	T	10:15A-01:15P	01/25-05/10
801-136-3K1E	T	01:30P-04:30P	01/25-05/10
801-136-3K1F	W	07:00A-10:00A	01/19-05/04
801-136-3K1G	Th	10:15A-01:15P	01/20-05/05
801-136-3K1H	F	01:30P-05:00P	01/28-05/06
801-136-3K9A	S	10:15A-01:15P	01/22-05/07
801-136-3KMA	BLND F	07:00A-08:30A	01/21-05/06

This blended class requires substantial on-line work in addition to the face-to-face class times shown in the schedule.

Lakeview Advanced Tech. Center

801-136-3L11	W	06:00P-09:00P	01/19-05/04
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Racine

801-136-3R11	T	06:00P-09:00P	01/25-05/10
801-136-3R12	W	06:00P-09:00P	01/19-05/04
801-136-3R13	Th	06:00P-09:00P	01/20-05/05
801-136-3R1A	MW	10:15A-11:45A	01/19-05/09
801-136-3R1B	MW	12:25P-01:55P	01/19-05/09
801-136-3R1C	TTh	08:05A-09:35A	01/20-05/10
801-136-3R1D	TTh	12:25P-01:55P	01/20-05/10
801-136-3R1E	TTh	02:35P-04:05P	01/20-05/10
801-136-3R1F	F	09:10A-12:10P	01/21-05/05
801-136-3R31	AC Th	05:50P-09:15P	01/24-03/07
801-136-3R9A	S	09:10A-12:10P	01/22-05/07

Elkhorn

801-136-3E11	T	06:00P-09:00P	01/25-05/10
801-136-3E12	W	06:00P-09:00P	01/19-05/04
801-136-3E1A	MW	10:15A-11:45A	01/19-05/09
801-136-3E1B	TTh	09:10A-10:40A	01/20-05/10
801-136-3E1C	TTh	12:25P-01:55P	01/20-05/10
801-136-3E1D	F	09:10A-12:10P	01/21-05/06

Burlington

801-136-3B1A	TTh	11:20A-12:50P	01/20-05/10
801-136-3B9A	S	09:10A-12:10P	01/22-05/07

Off Campus

801-136-3W7A	INET	TBA	TBA-TBA	01/19-05/10
Additional fees apply to this class—cost is \$377.44				
801-136-3W7B	INET	TBA	TBA-TBA	01/19-05/10
Additional fees apply to this class—cost is \$377.44				
801-136-3W7C	INET	TBA	TBA-TBA	01/19-05/10
Additional fees apply to this class—cost is \$377.44				
801-136-3W7D	INET	TBA	TBA-TBA	01/19-05/10
Additional fees apply to this class—cost is \$377.44				
801-136-3W7E	INET	TBA	TBA-TBA	01/19-05/10
Additional fees apply to this class—cost is \$377.44				

801-196 Oral/Interpersonal Communication 3.00 CR

S347.44 PREREQUISITES: NONE

This course focuses upon developing speaking, verbal and nonverbal communication, and listening skills through individual presentations, group activities, and other projects.

Kenosha

801-196-3K11	M	06:00P-09:00P	01/24-05/09
801-196-3K12	W	05:50P-08:50P	01/19-05/04
801-196-3K13	Th	06:00P-09:00P	01/20-05/05
801-196-3K14	F	04:45P-07:45P	01/21-05/06
801-196-3K1A	MW	08:05A-09:35A	01/19-05/09
801-196-3K1B	MW	10:15A-11:45A	01/19-05/09
801-196-3K1C	MW	12:25P-01:55P	01/19-05/09
801-196-3K1D	W	01:30P-04:30P	01/19-05/04
801-196-3K1E	TTh	08:05A-09:35A	01/20-05/10
801-196-3K1F	TTh	10:15A-11:45A	01/20-05/10
801-196-3K1G	TTh	12:25P-01:55P	01/20-05/10
801-196-3K3A	AC F	08:05A-11:30A	01/28-03/11
801-196-3K9A	S	09:10A-12:10P	01/22-05/07
801-196-3KMA	BLND T	01:30P-03:00P	01/20-05/05

This blended class requires substantial on-line work in addition to the face-to-face class times shown in the schedule.

Lakeview Advanced Tech. Center

801-196-3L31	AC	M	06:00P-09:00P	02/07-04/04
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Racine

801-196-3R11	T	06:00P-09:00P	01/25-05/10
801-196-3R12	Th	06:00P-09:00P	01/20-05/05
801-196-3R1A	MW	08:05A-09:35A	01/19-05/09
801-196-3R1B	MW	12:25P-01:55P	01/29-05/09
801-196-3R1C	W	02:35P-05:35P	01/19-05/04
801-196-3R1D	TTh	10:15A-11:45A	01/20-05/10
801-196-3R1E	TTh	12:25P-01:55P	01/20-05/10
801-196-3R4A	AC S	09:10A-12:35P	01/22-03/05

Elkhorn

801-196-3E11	T	06:00P-09:00P	01/25-05/10
801-196-3E1A	MW	01:30P-03:00P	01/19-05/09
801-196-3E1B	TTh	09:10A-10:40A	01/20-05/10
801-196-3E1C	TTh	11:20A-12:50P	01/20-05/10
801-196-3E1D	F	12:25P-03:25P	01/21-05/06

Burlington

801-196-3B11	M	06:00P-09:00P	01/24-05/09
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801-302 Speaking Principles 1.00 CR

\$118.48 PREREQUISITES: NONE

Covers techniques of verbal and non-verbal communication. Presentation techniques in informative, demonstrative, persuasive and impromptu situations are stressed.

Kenosha

801-302-3K11	W	04:45P-06:45P	01/19-05/04
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Racine

801-302-3R11	W	06:00P-08:00P	01/19-05/04
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801-198 Speech 3.00 CR

\$347.44 PREREQUISITES: NONE

This course explores the fundamentals of effective oral presentation to small and large groups. Topic selection, audience analysis, methods of organization, research, structuring evidence and support, delivery techniques, and other essential elements of speaking successfully, including the listening process, form the basis of the course.

Kenosha

801-198-3K11	T	06:00P-09:00P	01/25-05/10
801-198-3K12	Th	06:00P-09:00P	01/20-05/05
801-198-3K1A	MW	09:10A-10:40A	01/19-05/09
801-198-3K1B	TTh	10:15A-11:45A	01/20-05/10
801-198-3K1C	TTh	12:25P-01:55P	01/20-05/10
801-198-3KMA	BLND M	12:25P-03:25P	01/24-05/09

This blended class meets face-to-face Jan 24, Feb 7, Feb 21, Mar 7, Mar 21, Apr 4, Apr 18, and May 2.

Lakeview Advanced Tech. Center

801-198-3L31	AC Th	06:00P-09:00P	02/17-04/14
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Racine

801-198-3R11	F	06:00P-09:00P	01/21-05/06
801-198-3R1A	MW	10:15A-11:45A	01/19-05/09
801-198-3R1B	TTh	02:35P-04:05P	01/20-05/10
801-198-3R4A	AC S	09:10A-12:35P	03/12-05/07

Elkhorn

801-198-3E11	Th	06:00P-09:00P	01/20-05/05
801-198-3E1A	MW	12:25P-01:55P	01/19-05/09
801-198-3E1B	TTh	10:15A-11:45A	01/20-05/10
801-198-3E1C	TTh	01:30P-03:00P	01/20-05/10
801-198-3EMA	BLND T	01:30P-04:30P	01/25-05/10

This blended class meets face-to-face Jan 25, Feb 8, Feb 22, Mar 8, Mar 22, Apr 5, Apr 19, and May 3.

Off Campus

801-198-3W7A	INET TBA	TBA-TBA	01/19-05/10
Additional fees apply to this class — cost is \$377.44			
801-198-3W7B	INET TBA	TBA-TBA	01/19-05/10
Additional fees apply to this class — cost is \$377.44			

801-197 Technical Reporting 3.00 CR

\$347.44 PREREQUISITES: 801-136 English Composition 1

The student will prepare and present oral and written technical reports. Types of reports may include lab and field reports, proposals, technical letters and memos, technical research reports, and case studies. This course is designed as an advanced communication course for students who have completed at least the prerequisite introductory writing course.

Kenosha

801-197-3K11	W	06:30P-09:30P	01/19-05/04
801-197-3KMA	BLND F	09:10A-10:40A	01/21-05/06
801-197-3KMB	BLND F	11:20A-12:15P	01/21-05/06

Racine

801-197-3R1A	F	09:10A-12:10P	01/21-05/06
801-197-3RMA	BLND Th	02:35P-04:05P	01/20-05/05

This blended class requires substantial on-line work in addition to the face-to-face class times shown in the schedule.

CATI

801-197-3C11	Th	04:45P-07:45P	01/20-05/05
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Elkhorn

801-197-3E11	M	06:00P-09:00P	01/24-05/09
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Off Campus

801-197-3W7A	INET TBA	TBA-TBA	01/19-05/10
Additional fees apply to this class — cost is \$377.44			
801-197-3W7B	INET TBA	TBA-TBA	01/19-05/10
Additional fees apply to this class — cost is \$377.44			
801-197-3W7C	INET TBA	TBA-TBA	01/19-05/10
Additional fees apply to this class — cost is \$377.44			

801-111 Technical Writing/ Electronic Publishing For Windows 2.00 CR

\$232.96 PREREQUISITES: NONE

Students are provided the skills and practice in the conceptual, artistic, and psychological techniques of layout and design with the flexibility offered by Adobe InDesign on the Windows platform. Emphasis is on the creation of production-ready page layout.

Racine

801-111-3RMA	BLND W	03:40P-06:15P	03/23-05/04
	TBA	TBA-TBA	03/23-05/04

Off Campus

801-111-3W8A	INET,ST TBA	TBA-TBA	03/23-05/04
Additional fees apply to this class — cost is \$252.96			

801-126 Technical Writing/ Externship/Internship 3.00 CR

\$347.44 PREREQUISITES: 801-133 Technical Writing/Introduction and 801-197 Technical Reporting and 801-132 Technical Writing/ Electronic Publishing and 801-114 Technical Writing/ Safety Information and 801-106 Technical Writing/Layout and Design

Provides an opportunity to apply technical communication skills and training to an actual work situation. The student will spend a minimum of 8 hours per week at the work station performing technical communications tasks and up to one hour per week in consultation with the assigned instructor. Student contracts with the employer and the instructor regarding the work agreement.

Racine

801-126-3R1A	DS TBA	TBA-TBA	01/24-05/09
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801-128	Technical Writing/ Forms Design	1.00 CR
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S118.48 PREREQUISITES: NONE
 Students are provided the skills and practice to create effective and user-friendly forms. Emphasis is on identifying and meeting the needs for the form by all users. Using computer software, students produce both paper and electronic forms.

Racine				
801-128-3RMA	BLND	M	03:40P-05:00P	03/21-05/09
Off Campus				
801-128-3W8A	INET	TBA	TBA-TBA	03/21-05/09

Additional fees apply to this class — cost is \$128.48

801-131	Technical Writing/ Newsletter Writing	1.00 CR
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S118.48 PREREQUISITES: NONE
 Students are provided the skills and practice in publishing newsletters to publication specifications. Emphasis will be on the production of newsletters from conception through research, writing, illustrating, layout, editing, approval, and production.

Racine				
801-131-3RMA	BLND	T	03:40P-04:40P	01/25-05/10
Off Campus				
801-131-3W8A	INET,ST	TBA	TBA-TBA	01/25-05/10

Additional fees apply to this class — cost is \$128.48

801-107	Technical Writing/ Audio Visual	2.00 CR
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S232.96 PREREQUISITES: NONE
 Students are provided the skills and practice to write for audio visual production. Emphasis is on the preparation of the time, audio, and video sections of storyboards for the production of industrial, commercial, and educational film, videotape, and CD programming.

Racine				
801-107-3RMA	BLND	M	02:35P-05:10P	01/24-03/07
Off Campus				
801-107-3W8A	INET,ST	TBA	TBA-TBA	01/24-03/07

Additional fees apply to this class — cost is \$252.96

801-120	Technical Writing/ Grant and Proposal Writing	2.00 CR
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S232.96 PREREQUISITES: NONE
 Familiarization and practice in writing program and funding proposals for grants. Emphasis will be on following the Request for Proposals (RFP) guidelines that enhance successful funding and program initiation from federal, state and local government, as well as private foundations.

Racine				
801-120-3R11		T	06:00P-08:00P	01/25-05/10
Off Campus				
801-120-3W7A	INET	TBA	TBA-TBA	01/25-05/10

Additional fees apply to this class — cost is \$252.96

801-120-3W7B	INET	TBA	TBA-TBA	01/25-05/10
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Additional fees apply to this class — cost is \$252.96

801-123	Technical Writing/ Procedural Writing	2.00 CR
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S232.96 PREREQUISITES: NONE
 Analyze and apply the skills required to prepare the various internal operational writings such as mission statements, job descriptions, job ads, standard operating procedures, employee evaluations, department reports, and marketing plans.

Racine				
801-123-3RMA	BLND	W	03:40P-05:55P	01/19-03/09
Off Campus				
801-123-3W8A	INET,ST	TBA	TBA-TBA	01/19-03/09

Additional fees apply to this class — cost is \$252.96

801-108	Technical Writing/ Sales Promotion	2.00 CR
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S232.96 PREREQUISITES: NONE
 Students are provided the skills and practice in preparing and writing sales promotion materials for the print media, audiovisual media and the specialty media. Emphasis will be on the diversity of the sales promotion production and the need for long-range, multi-level programs, as well as the quick, attention getting programs.

Racine				
801-108-3RM1	BLND	M	06:00P-08:35P	01/24-03/07
Off Campus				
801-108-3W8A	INET,ST	TBA	TBA-TBA	01/24-03/07

Additional fees apply to this class — cost is \$252.96

801-301	Writing Principles	1.00 CR
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S118.48 PREREQUISITES: 851-760 Pre-Technical Writing
 Reviews the fundamentals of grammar. Emphasizes practical application of English in business correspondence.

Racine				
801-301-3R11		W	03:40P-05:40P	01/19-05/04
801-301-3R1A		F	08:05A-12:05P	01/21-03/11
Elkhorn				
801-301-3E1A		T	03:40P-05:40P	01/25-05/10

801-199	Written Communication II	3.00 CR
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S347.44 PREREQUISITES: 801-136 English Composition I
 An advanced writing course which emphasizes the use of the writing process to explore various themes related to the world of work, ethics and life in a multi-cultural, global community. Students develop critical reading and writing skills and produce original compositions demonstrating critical thinking ability. Students will also learn the process for producing a documented research project using primary and secondary sources.

Kenosha				
801-199-3K11		T	06:30P-09:30P	01/25-05/10
801-199-3K1A		Th	01:30P-04:30P	01/20-05/05

Foreign Language

802-104	German I	3.00 CR
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S347.44 PREREQUISITES: NONE
 Fundamentals of German grammar; drill in structure and pronunciation; development of vocabulary. Aural-oral and reading skills are introduced in the classroom.

Kenosha				
802-104-3K11		Th	06:00P-09:00P	01/20-05/05

802-111 Spanish I 3.00 CR

\$347.44 PREREQUISITES: NONE

For beginning students of Spanish who wish to use Spanish as a means of oral and written communication. Students will learn the basic skills of listening, speaking, reading and writing in the language. The information gained should be helpful to various industries and service providers in communicating with Spanish-speaking Americans as in translating, speaking and writing in the ever-expanding export market and human services fields.

Kenosha

802-111-3K11	TTh	06:00P-08:00P	01/20-05/10
802-111-3K1A	MW	01:30P-03:30P	01/19-05/09
802-111-3K1B	TTh	03:40P-05:40P	01/19-05/09

Racine

802-111-3R11	MW	06:00P-08:00P	01/19-05/09
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Elkhorn

802-111-3E1A	TTh	03:40P-05:40P	01/20-05/10
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802-112 Spanish II 3.00 CR

\$347.44 PREREQUISITES: 802-111 Spanish I

This course continues the study of the Spanish language, using four components: listening, speaking, reading and writing. It is a progressive study, using knowledge gained at the first-semester level as a base. Survival skills in the Spanish culture will be targeted.

Racine

802-112-3R11	MW	06:00P-08:00P	01/19-05/09
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General Studies

890-103 Employability Skills 2.00 CR

\$232.96 PREREQUISITES: NONE

After completion of course, students will demonstrate positive personal image, exhibit positive work attitude, practice good work habits and ethical behavior, accept responsibility, and cooperate with others in the workplace.

Lakeview Advanced Tech. Center

890-103-3L61	SP	MTWTh	03:30P-09:00P	01/19-05/10
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This course is offered on an open entry self-paced schedule. Each student will meet with the instructor to establish a schedule.

Elkhorn

890-103-3E6A	SP	TTh	03:00P-08:00P	01/20-05/10
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890-106 Serving to Learn Globally 1.00 CR

\$118.48 Instructor consent required

PREREQUISITES: 890-105 Serving to Learn Locally

Through immersion in a global community, students will collaborate to identify a need, plan a service, perform the service and/or evaluate the result. They will apply principles of professionalism, team work, and critical thinking, as well as their chosen career's technical knowledge, attitude and skill. Through reflection and dissemination, students will integrate an increased sensitivity to the diversity of the community, global connectivity, civic engagement and their own professional career path.

Off Campus

890-106-3ZMA	BLND	TBA	TBA-TBA	01/07-01/14
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Students will be required to attend and complete 890-105 as a pre-requisite and meet requirements for international travel and service learning. Students will be working on service projects internationally under direct supervision of the instructor.

890-105 Serving to Learn Locally 2.00 CR

\$232.96 PREREQUISITES: NONE

Through meaningful volunteer service, students will apply principles of professionalism, team work, and critical thinking, as well as their chosen career's technical knowledge, attitude and skill. Students will collaborate with the community, including (but not limited to) the identification of a service need, planning the service, performance of the service, and/or evaluation of the result. Through reflection and dissemination, students will integrate an increased sensitivity to the diversity of the community, global connectivity, civic engagement and their own professional career path.

Kenosha

890-105-3K1A	F	01:30P-03:30P	01/21-05/06
	TBA	TBA-TBA	01/21-05/06

Students will be required to attend both face to face and on-line components of the course. Students will be working on service projects in the community, under the direction of community organizations, without direct supervision of the instructor. These projects must meet course guidelines. Obtain instructor approval if you have not completed the first semester of any GTC program.

Mathematics

804-181 Calculus 2 4.00 CR

\$461.92 PREREQUISITES: 804-198 Calculus 1

Students will develop techniques for differentiation and integration of transcendental functions and use the derivative and the integral to solve certain applied problems. They will also extend calculus techniques to curves in polar coordinates and three-dimensional surfaces and form a basic understanding of infinite series and associated applications.

CATI

804-181-3C11	MW	04:45P-06:45P	01/19-05/09
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804-181-3C1A	TTh	08:05A-10:05A	01/20-05/10
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804-197 College Algebra and Trigonometry with Applications 5.00 CR

\$576.40 PREREQUISITES: 804-114 College Technical Math 1B

This course covers those skills needed for success in Calculus and many application areas on a baccalaureate level. Topics include the real and complex number systems, polynomials, exponents, radicals, solving equations and inequalities (linear and nonlinear), relations and functions, systems of equations and inequalities (linear and nonlinear), matrices, graphing, conic sections, sequences and series, combinatorial and the binomial theorem.

CATI

804-197-3C11	MW	07:00P-09:30P	01/19-05/09
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804-197-3C1A	TTh	10:15A-12:45P	01/20-05/10
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804-107 College Mathematics 3.00 CR

S347.44 PREREQUISITES: 834-109 Pre-Algebra

This course is designed to review and develop fundamental concepts of mathematics pertinent to the areas of: 1) arithmetic and algebra; 2) geometry and trigonometry; and 3) probability and statistics. Special emphasis is placed on problem solving, critical thinking and logical reasoning, making connections, and using calculators. Topics include performing arithmetic operations and simplifying algebraic expressions, solving linear equations and inequalities in one variable, solving proportions and incorporating percent applications, manipulating formulas, solving and graphing systems of linear equations and inequalities in two variables, finding areas and volumes of geometric figures, applying similar and congruent triangles, converting measurements within and between U.S. and metric systems, applying Pythagorean Theorem, solving right and oblique triangles, calculating probabilities, organizing data and interpreting charts, calculating central and spread measures, and summarizing and analyzing data.

Kenosha

804-107-3K11	T	06:00P-09:00P	01/25-05/10
804-107-3K12	W	06:00P-09:00P	01/19-05/04
804-107-3K13	M	06:00P-09:00P	01/24-05/09
804-107-3K1A	MW	10:15A-11:45A	01/19-05/09
804-107-3K1C	TTh	09:10A-10:40A	01/20-05/10
804-107-3K1D	F	10:15A-01:15P	01/21-05/06
804-107-3K1E	TTh	12:25P-01:55P	01/20-05/10
804-107-3KMB	BLND	W 12:25P-01:55P	01/19-05/04

This blended class requires substantial on-line work in addition to the face-to-face class times shown in the schedule.

Lakeview Advanced Tech. Center

804-107-3L31	AC	Th	06:00P-07:40P	03/20-05/05
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Racine

804-107-3R1A		F	12:25P-03:25P	01/21-05/06
804-107-3R1B		TTh	12:25P-01:55P	01/20-05/10
804-107-3R31	AC	M	06:00P-09:20P	01/24-03/07
804-107-3R9A		S	09:10A-12:40P	02/05-05/07

Elkhorn

804-107-3E11		Th	06:00P-09:00P	01/20-05/05
804-107-3E12		T	06:00P-09:00P	01/25-05/10
804-107-3E1A		F	12:25P-03:25P	01/21-05/06

Burlington

804-107-3B11		W	06:00P-09:00P	01/19-05/04
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Off Campus

804-107-3W7A	INET	TBA	TBA-TBA	01/19-05/10
Additional fees apply to this class — cost is \$377.44				
804-107-3W7B	INET	TBA	TBA-TBA	01/19-05/10
Additional fees apply to this class — cost is \$377.44				

804-115 College Technical Math 1 5.00 CR

S576.40 PREREQUISITES: 834-110 Elementary Algebra with Applications

Topics include: solving linear, quadratic, and rational equations; graphing; formula rearrangement; solving systems of equations; percent; proportions; measurement systems; computational geometry; right and oblique triangle trigonometry; trigonometric functions on the unit circle; and operations on polynomials. Emphasis will be on the application of skills to technical problems. This course is the equivalent to College Technical Math 1A and College Technical Math 1B.

CATI

804-115-3C11		TTh	06:00P-08:30P	01/20-05/10
804-115-3C1A		MW	09:10A-11:40A	01/19-05/09

Off Campus

804-115-3W7A	INET	TBA	TBA-TBA	01/19-05/10
Additional fees apply to this class — cost is \$626.40				

804-113 College Technical Math 1A 3.00 CR

S347.44 PREREQUISITES: 834-110 Elementary Algebra with Applications

In this course, topics include: solving linear, quadratic, and rational equations; graphing; formula rearrangement; solving systems of equations; percents; proportions; and operations on polynomials. Emphasis will be placed on the application of skills to technical problems. Successful completion of College Technical Math 1-A and College Technical Math 1-B is the equivalent of College Technical Math 1.

Kenosha

804-113-3K11		TTh	02:35P-04:05P	01/20-05/10
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Racine

804-113-3R11		MW	10:15A-11:45A	01/19-05/10
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804-114 College Technical Math 1B 2.00 CR

S232.96 PREREQUISITES: NONE

COREQUISITES: 804-113 College Technical Math 1A

This course includes the following topics: measurement systems; computational geometry; right and oblique triangle geometry; and trigonometric functions on the unit circle. Emphasis will be on the application of skills to technical problems. Successful completion of College Technical Math 1-A and College Technical Math 1-B is the equivalent of College Technical Math 1.

CATI

804-114-3C21	ST	TTh	06:00P-07:00P	01/20-05/10
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804-123 Math with Business Applications 3.00 CR

S347.44 PREREQUISITES: 834-109 Pre-Algebra

This course covers real numbers, basic operations, linear equations, proportions with one variable, percents, simple interest, compound interest, annuity, and basic statistics with business/ consumer applications. Students learn to apply math concepts to the purchasing/buying and selling processes.

Kenosha

804-123-3K11		M	06:00P-09:00P	01/24-05/09
804-123-3K1A		F	10:15A-01:15P	01/21-05/06

Racine

804-123-3R11		Th	06:00P-09:00P	01/20-05/05
804-123-3R1A		F	09:10A-12:10P	01/21-05/06

Elkhorn

804-123-3E11		M	06:00P-09:00P	01/24-05/09
804-123-3E1A		F	09:10A-12:10P	01/21-05/06

Off Campus

804-123-3W7A	INET	TBA	TBA-TBA	01/19-05/10
Additional fees apply to this class — cost is \$377.44				

804-133	Mathematics and Logic			3.00 CR
\$347.44	PREREQUISITES: 834-110 Elementary Algebra with Applications			
Students will apply mathematical problem solving techniques. Topics will include symbolic logic, sets, algebra, Boolean algebra, and number bases.				
Kenosha				
804-133-3K11	Th	06:00P-09:00P	01/20-05/05	
Racine				
804-133-3R11	M	06:00P-09:00P	01/24-05/09	
Off Campus				
804-133-3W7A	INET	TBA	TBA-TBA	01/19-05/10
Additional fees apply to this class — cost is \$377.44				
804-133-3W7B	INET	TBA	TBA-TBA	01/19-05/10
Additional fees apply to this class — cost is \$377.44				

804-370	Mathematics I/Applied			2.00 CR
\$232.96	PREREQUISITES: 834-109 Pre-Algebra			
Reviews the four basic mathematical operations on whole numbers, fractions and decimals. Also covers basic algebra and trigonometry related to technical fields.				
Racine				
804-370-3R1A	MW	12:25P-02:25P	01/19-05/09	
Elkhorn				
804-370-3E1A	TTh	01:30P-03:30P	01/20-05/10	

804-371	Mathematics II/Applied			1.00 CR
\$118.48	PREREQUISITES: 804-370 Mathematics I/Applied			
Covers geometric principles along with calculations of linear, area and volume measurements. Includes interpreting and sketching graphs, the metric system, a method to solve technical conversions problems, and an introduction to statistics.				
Racine				
804-371-3R2A	ST	MW	12:25P-01:25P	01/19-05/09

Natural Science

806-179	Anatomy and Physiology, Advanced			4.00 CR
\$483.92	PREREQUISITES: 806-177 General Anatomy and Physiology			
Advanced Anatomy and Physiology is the second semester in a two semester sequence in which normal human anatomy and physiology are studied, using a body systems approach, with emphasis on the interrelationships between form and function at the gross and microscopic levels of organization. Instruction is delivered both within a classroom and in a laboratory setting. Experimentation within a science lab includes analysis of cellular metabolism and the individual components of body systems, such as the nervous, neuro-muscular, cardiovascular, and urinary systems. Students examine homeostatic mechanisms and their relationship to fluids, electrolytes, acid-base balance, and blood. Integration of genetics to human reproduction and development are also included in this course.				
Kenosha				
806-179-3K11	W	05:50P-08:50P	01/19-05/09	
	M	05:50P-07:50P	01/19-05/09	
806-179-3K1A	Th	08:05A-11:05A	01/20-05/10	
	T	09:10A-11:10A	01/20-05/10	
806-179-3K1B	W	08:05A-11:05A	01/19-05/09	
	M	09:10A-11:10A	01/19-05/09	

806-179-3K1C	Th	11:20A-02:20P	01/20-05/10
	T	11:20A-01:20P	01/20-05/10
806-179-3K1D	F	08:05A-11:05A	01/19-05/06
	W	09:10A-11:10A	01/19-05/06
806-179-3K1E	W	02:35P-05:35P	01/19-05/09
	M	02:35P-04:35P	01/19-05/09
806-179-3K1F	M	01:30P-04:30P	01/19-05/09
	W	01:30P-03:30P	01/19-05/09
Racine			
806-179-3R11	M	05:50P-08:50P	01/19-05/09
	W	05:50P-07:50P	01/19-05/09
806-179-3R1A	Th	01:30P-04:30P	01/20-05/10
	T	01:30P-03:30P	01/20-05/10
Elkhorn			
806-179-3E1A	MW	12:25P-01:55P	01/19-05/09
	F	12:25P-02:25P	01/19-05/09
Burlington			
806-179-3B11	M	06:00P-09:00P	01/19-05/09
	W	06:00P-08:00P	01/19-05/09

806-189	Anatomy, Basic			3.00 CR
\$347.44	PREREQUISITES: NONE			
This course examines concepts of anatomy and physiology as they relate to health careers. Learners correlate anatomical and physiological terminology to all body systems.				
Kenosha				
806-189-3B11	MW	04:25P-05:55P	01/19-05/09	
806-189-3R1A	MW	01:30P-03:00P	01/19-05/09	

806-186	Biochemistry/Introduction			4.00 CR
\$483.92	PREREQUISITES: 806-134 General Chemistry			
This introductory course is designed for students in health sciences. Selected topics of inorganic and organic chemistry are applied to fundamental areas of biochemistry. Units of study include carbohydrates, lipids and proteins, enzymes, nucleic acids, bioenergetics, metabolic pathways, and body fluids.				
Kenosha				
806-186-3K1B	T	12:25P-03:25P	01/20-05/10	
	Th	12:25P-02:25P	01/20-05/10	

806-143	College Physics 1			3.00 CR
\$362.94	PREREQUISITES: 804-113 College Technical Math 1A			
This course presents the applications and theory of basic physics principles. It emphasizes problem solving, laboratory investigation, and applications. Topics include laboratory safety, unit conversions and analysis, kinematics, dynamics, work, energy, power, temperature, and heat.				
Racine				
806-143-3R1A	M	01:30P-05:30P	01/24-05/09	

806-177 General Anatomy and Physiology 4.00 CR

\$483.92 PREREQUISITES: 806-134 General Chemistry

This course examines the basic concepts of human anatomy and physiology as they relate to health sciences. Using a body systems approach, the course emphasizes the interrelationships between structure and function at the gross and microscopic levels of organization of the entire human body. It is intended to prepare health care professionals who need to apply basic concepts of whole body anatomy and physiology to informed decision making and professional communication with colleagues and patients.

Kenosha

806-177-3K11	Th	05:50P-08:50P	01/20-05/10
	T	05:50P-07:50P	01/20-05/10
806-177-3K1A	T	08:05A-11:05A	01/20-05/10
	Th	08:05A-10:05A	01/20-05/10
806-177-3K1B	MW	08:05A-09:35A	01/19-05/09
	F	08:05A-10:05A	01/19-05/09
806-177-3K1C	W	11:20A-02:20P	01/19-05/09
	M	11:20A-01:20P	01/19-05/09
806-177-3K1D	T	02:35P-05:35P	01/20-05/10
	Th	03:40P-05:40P	01/20-05/10
806-177-3K1E	T	01:30P-04:30P	01/20-05/10
	Th	01:30P-03:30P	01/20-05/10
806-177-3KMA	BLND	TBA	TBA-TBA
	Th	11:15A-01:15P	01/20-05/10
806-177-3R11	T	05:50P-08:50P	01/20-05/10
	Th	05:50P-07:50P	01/20-05/10

Racine

806-177-3R1A	M	09:10A-12:10P	01/19-05/09
	W	10:15A-12:15P	01/19-05/09
806-177-3R1B	MW	01:30P-03:00P	01/19-05/09
	F	01:30P-03:30P	01/19-05/09
806-177-3R1C	M	01:30P-04:30P	01/19-05/09
	W	01:30P-03:30P	01/19-05/09

Elkhorn

806-177-3E1A	T	08:05A-11:05A	01/20-05/10
	Th	08:05A-10:05A	01/20-05/10
806-177-3E1B	MW	08:05A-09:35A	01/19-05/09
	F	08:05A-10:05A	01/19-05/09

Burlington

806-177-3B1A	T	02:35P-05:35P	01/20-05/10
	Th	02:35P-04:35P	01/20-05/10
806-177-3B1B	W	01:30P-04:30P	01/19-05/09
	M	01:30P-03:30P	01/19-05/09

806-114 General Biology 4.00 CR

\$483.92 PREREQUISITES: NONE

This course introduces general biological concepts and principles. Emphasis is on cell structure and function, genetics, evolution, and taxonomical relationships. Consideration is also given to diversity among the various kingdoms.

Kenosha

806-114-3K11	M	05:50P-08:50P	01/19-05/09
	W	05:50P-07:50P	01/19-05/09

Racine

806-114-3R1A	T	12:25P-03:25P	01/20-05/10
	Th	12:25P-02:25P	01/20-05/10

806-134 General Chemistry 4.00 CR

\$483.92 PREREQUISITES: 804-106 College Math, Introduction to or 804-107 College Mathematics

This course covers the fundamentals of chemistry. Topics covered include the metric system, problem solving, periodic relationships, chemical reactions, chemical equilibrium, properties of water, acids, bases, and salts, and gas laws.

Kenosha

806-134-3K11	Th	05:50P-08:50P	01/20-05/10
	T	05:50P-07:50P	01/20-05/10
806-134-3K12	M	05:50P-08:50P	01/19-05/10
	W	05:50P-07:50P	01/19-05/10
806-134-3K1A	MF	09:10A-10:40A	01/19-05/09
	W	09:10A-11:10A	01/19-05/09
806-134-3K1B	T	09:10A-12:10P	01/20-05/10
	Th	09:10A-11:10A	01/20-05/10
806-134-3K1C	MW	12:25P-01:55P	01/19-05/09
	F	12:25P-02:25P	01/19-05/09
806-134-3K1D	M	02:35P-05:35P	01/19-05/09
	W	02:35P-04:35P	01/19-05/09
806-134-3K1E	T	02:35P-05:35P	01/20-05/10
	Th	02:35P-04:35P	01/20-05/10

Racine

806-134-3R11	Th	05:50P-08:50P	01/20-05/10
	T	05:50P-07:50P	01/20-05/10
806-134-3R1A	MF	09:10A-10:40A	01/19-05/09
	W	09:10A-11:10A	01/19-05/09
806-134-3R1B	T	01:30P-04:30P	01/20-05/10
	Th	01:30P-03:30P	01/20-05/10

Elkhorn

806-134-3E11	W	05:50P-08:50P	01/19-05/09
	M	05:50P-07:50P	01/19-05/09
806-134-3E1A	M	02:35P-05:35P	01/19-05/09
	W	02:35P-04:35P	01/19-05/09
806-134-3E1B	MW	10:15A-11:45A	01/19-05/09
	F	10:15A-12:15P	01/19-05/09

806-154 General Physics 1 4.00 CR

\$483.92 PREREQUISITES: 804-114 College Technical Math 1B

This course presents the applications and theory of basic physics principles. It emphasizes problem solving, laboratory investigation, and applications. Topics include unit conversion and analysis, vectors, translational and rotational kinematics, translational and rotational dynamics, heat and temperature, and harmonic motion and waves.

Racine

806-154-3R11	W	04:45P-07:45P	01/19-05/04
	W	07:45P-09:45P	01/19-05/04
806-154-3R9A	S	08:05A-11:05A	01/22-05/07
	S	11:05A-01:05P	01/22-05/07

806-197 Microbiology 4.00 CR

\$483.92 PREREQUISITES: 806-177 General Anatomy and Physiology
Topics include structure and functions of microorganisms, microbial control, infectious diseases, immunity and resistance to disease, problems of sanitation and control in relation to microbiology of air, water, food and sewage. This course is equivalent to 806-197 at other WTCs schools.

Kenosha			
806-197-3K11	T	05:50P-08:50P	01/20-05/10
	Th	05:50P-07:50P	01/20-05/10
806-197-3K1A	M	10:15A-01:15P	01/19-05/09
	W	10:15A-12:15P	01/19-05/09
806-197-3K1B	Th	08:05A-11:05A	01/20-05/10
	T	08:05A-10:05A	01/20-05/10
806-197-3K1C	W	10:15A-01:15P	01/19-05/09
	M	10:15A-12:15P	01/19-05/09
806-197-3K1E	W	01:30P-04:30P	01/19-05/11
	M	01:30P-03:30P	01/19-05/11
806-197-3K1F	Th	11:20A-02:20P	01/20-05/10
	T	11:20A-01:20P	01/20-05/10
806-197-3R11	M	05:50P-08:50P	01/19-05/09
	W	05:50P-07:50P	01/19-05/09
Racine			
806-197-2R1B	M	01:30P-04:30P	01/19-05/09
	W	01:30P-03:30P	01/19-05/09
806-197-3R1A	T	09:10A-12:10P	01/20-05/10
	Th	10:15A-12:15P	01/20-05/10
Elkhorn			
806-197-3E1A	T	12:25P-03:25P	01/20-05/10
	Th	12:25P-02:25P	01/20-05/10
Burlington			
806-197-3B11	M	05:50P-08:50P	01/19-05/09
	W	05:50P-07:50P	01/19-05/09
806-197-3B1A	T	10:15A-01:15P	01/20-05/10
	Th	10:15A-12:15P	01/20-05/10

806-112 Principles of Sustainability 3.00 CR

\$347.44 PREREQUISITES: NONE
Prepares the student to develop sustainable literacy, analyze the interconnections among the physical and biological sciences and environmental systems, summarize the effects of sustainability on health and well-being, analyze connections among social, economic, and environmental systems, employ energy conservation strategies to reduce the use of fossil fuels, investigate alternative energy options, evaluate options to current waste disposal and recycling in the U.S., and analyze approaches used by your community to promote and implement sustainability.

Kenosha			
806-112-3K11	ST	T	01:30P-04:30P 01/25-05/10

Social Science

809-195 Economics 3.00 CR

\$347.44 PREREQUISITES: 838-105 Reading & Study Skills, Intro
An introductory course which describes, analyzes, and critiques factors which influence the overall performance of the economic system. Topics include supply-demand analysis, national income determination models, fiscal and monetary policy, money, financial institutions, the federal reserve system, unemployment, poverty, international trade, economic growth, inflation, and environmental deterioration. The links between economic problems, theory, and public policy are emphasized.

Kenosha				
809-195-3K1A		TTh	03:40P-05:10P	01/20-05/10
Racine				
809-195-3R3A	AC	M	01:30P-04:50P	01/24-03/07

809-166 Ethics: Theory & Applications, Intro to 3.00 CR

\$347.44 PREREQUISITES: NONE
This course provides a basic understanding of the theoretical foundations of ethical thought. Diverse ethical perspectives will be used to analyze and compare relevant issues. Students will critically evaluate individual, social, and/or professional standards of behavior and apply a systematic decision-making process to these situations.

Kenosha				
809-166-3K11		T	06:00P-09:00P	01/25-05/10
Racine				
809-166-3R11		M	06:00P-09:00P	01/24-05/09
Elkhorn				
809-166-3E11		Th	06:00P-09:00P	01/20-05/05

809-144 Macroeconomics 3.00 CR

\$347.44 PREREQUISITES: 838-105 Reading & Study Skills, Intro
Macroeconomics is an introductory course. Basic social choices regarding economic systems, basic economic aggregates, fiscal policy, the banking system, monetary policy, and international trade are the principle topics discussed in the course. Balance is drawn between theory, analysis, and a critique of the institutions that characterize modern mixed-capitalist economies. Conflicting social goals, economic constraints, and environmental concerns provide the framework through which macroeconomy is analyzed.

Kenosha				
809-144-3K11		Th	06:00P-09:00P	01/20-05/05
809-144-3K1A		MW	09:10A-10:40A	01/19-05/09
809-144-3K1B		MW	01:30P-03:00P	01/19-05/09
Racine				
809-144-3R11		M	06:00P-09:00P	01/24-05/09
809-144-3R1A		TTh	11:20A-12:50P	01/20-05/10
Elkhorn				
809-144-3E11		W	06:00P-09:00P	01/19-05/04

Off Campus				
809-144-3W7A	INET	TBA	TBA-TBA	01/19-05/10
Additional fees apply to this class — cost is \$377.44				
809-144-3W7B	INET	TBA	TBA-TBA	TBA-TBA
Additional fees apply to this class — cost is \$377.44				

809-128 Marriage and Family 3.00 CR

S347.44 PREREQUISITES: NONE

This course introduces the student to the sociological aspects of marriage and family life in contemporary American society. Emphasis is on the study of cognitive, emotional, and behavioral patterns associated with courtship, love, mate selection, sexuality, and marriage. Moreover, it discusses the life span development in the family life cycle, balancing work and family, and parenting. This course is based on the premise that human attitudes, feelings, and behaviors are largely shaped and influenced by philosophy, gender, communication, and personal beliefs. Therefore, success in the institutions of marriage and family require knowledge and skills in the roles of spouse and parent and ways to apply concepts to daily life.

Racine

809-128-3R11	Th	01:30P-04:30P	01/20-05/05
809-128-3R1A	TTh	11:20A-12:50P	01/20-05/10

809-143 Microeconomics 3.00 CR

S347.44 PREREQUISITES: 838-105 Reading & Study Skills, Intro

This course examines the behavior of individual decision makers, primarily consumers and firms. Topics include choices of how much to consume and to produce, the functioning of perfectly and imperfectly competitive markets, the conditions under which markets may fail, and arguments for and against government intervention. The student applies the fundamental tools of economics to real world problems.

Kenosha

809-143-3K11	T	06:00P-09:00P	01/25-05/10
809-143-3K1A	MW	11:20A-12:50P	01/19-05/09

Racine

809-143-3R11	W	06:00P-09:00P	01/19-05/04
809-143-3R1A	TTh	09:10A-10:40A	01/20-05/10
809-143-3R1B	TTh	01:30P-03:00P	01/20-05/10

Burlington

809-143-3B11	Th	06:00P-09:00P	01/20-05/05
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Off Campus

809-143-3W7A	INET	TBA	TBA-TBA	01/19-05/10
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Additional fees apply to this class — cost is \$377.44

809-143-3W7B	INET	TBA	TBA-TBA	01/19-05/10
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Additional fees apply to this class — cost is \$377.44

809-112 Principles of Sustainability 3.00 CR

S347.44 PREREQUISITES: NONE

Prepares the student to develop sustainable literacy, analyze the interconnections among the physical and biological sciences and environmental systems, summarize the effects of sustainability on health and well-being, analyze connections among social, economic, and environmental systems, employ energy conservation strategies to reduce the use of fossil fuels, investigate alternative energy options, evaluate options to current waste disposal and recycling in the U.S., and analyze approaches used by your community to promote and implement sustainability.

Kenosha

809-112-3K11	T	01:30P-04:30P	01/25-05/10
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809-159 Psychology, Abnormal 3.00 CR

S347.44 PREREQUISITES: 809-198 Psychology, Introduction to

This course in abnormal psychology surveys the essential features, possible causes, and assessment and treatment of the various types of abnormal behavior from the viewpoint of the major theoretical perspectives in the field of abnormal psychology. Students will be introduced to the diagnosis system of the Diagnostic and Statistical Manual of Mental Disorders (DSM-IV). In addition, the history of the psychology of abnormality will be traced. Cultural and social perspectives in understanding and responding to abnormal behavior will be explored as well as current topics and issues within abnormal psychology.

Kenosha

809-159-3K11	M	06:00P-09:00P	01/24-05/09
809-159-3K1A	TTh	10:15A-11:45A	01/20-05/10

Racine

809-159-3R11	T	06:00P-09:00P	01/20-05/10
809-159-3R1A	MW	10:15A-11:45A	01/19-05/09

Elkhorn

809-159-3E1A	TTh	12:25P-01:55P	01/20-05/10
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Burlington

809-159-3B11	T	06:00P-09:00P	01/25-05/10
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Off Campus

809-159-3W7A	INET	TBA	TBA-TBA	01/19-05/10
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Additional fees apply to this class — cost is \$377.44

809-188 Psychology, Developmental 3.00 CR

S347.44 PREREQUISITES: 838-105 Reading & Study Skills, Intro

Developmental Psychology is the study of human development throughout the lifespan. This course explores developmental theory and research with an emphasis on the interactive nature of the biological, cognitive, and psychosocial changes that affect the individual from conception to death. Application activities and critical thinking skills will enable students to gain an increased knowledge and understanding of themselves and others.

Kenosha

809-188-3K11	Th	06:00P-09:00P	01/20-05/05
809-188-3K12	F	06:00P-09:00P	01/21-05/06
809-188-3K1A	MW	11:20A-12:50P	01/19-05/09
809-188-3K1B	TTh	12:25P-01:55P	01/20-05/10
809-188-3K1C	W	01:30P-04:30P	01/19-05/04

Racine

809-188-3R11	T	06:00P-09:00P	01/25-05/10
809-188-3R1A	Th	09:10A-12:10P	01/20-05/05

Elkhorn

809-188-3E11	M	06:00P-09:00P	01/24-05/09
809-188-3E1A	T	12:25P-03:25P	01/25-05/10

Burlington

809-188-3B11	T	06:00P-09:00P	01/25-05/10
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Off Campus

809-188-3W7A	INET	TBA	TBA-TBA	01/19-05/10
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Additional fees apply to this class — cost is \$377.44

809-198 Psychology, Introduction to 3.00 CR

S347.44 PREREQUISITES: 838-105 Reading & Study Skills, Intro

This course introduces students to some of the major theories and topics of psychology, including the physiological basis of behavior, personality and learning theories,

memory, states of consciousness, stress, research methods, intelligence, human development, psychopathology, and social behavior.

Kenosha

809-198-3K11	T	06:00P-09:00P	01/25-05/10	
809-198-3K12	W	06:00P-09:00P	01/19-05/04	
809-198-3K13	Th	06:00P-09:00P	01/20-05/10	
809-198-3K14	F	02:35P-05:35P	01/21-05/06	
809-198-3K1A	MW	09:10A-10:40A	01/19-05/09	
809-198-3K1B	MW	11:20A-12:50P	01/19-05/09	
809-198-3K1C	TTh	12:25P-01:55P	01/20-05/10	
809-198-3K1D	TTh	08:05A-09:35A	01/20-05/10	
809-198-3K1E	TTh	10:15A-11:45A	01/20-05/10	
809-198-3K1F	F	09:10A-12:10P	01/21-05/06	
809-198-3K31	AC	M	01:30P-04:50P	01/24-03/07
809-198-3K9A		S	09:10A-12:10P	01/22-05/07
809-198-3KMA	BLND	M	09:10A-10:40A	01/24-05/09

This blended class requires substantial on-line work in addition to the face-to-face class times shown in the schedule.

809-198-3KMB	BLND	W	09:10A-10:40A	01/19-05/04
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This blended class requires substantial on-line work in addition to the face-to-face class times shown in the schedule.

Racine

809-198-3R11	M	06:00P-09:00P	01/24-05/09	
809-198-3R12	T	06:00P-09:00P	01/25-05/10	
809-198-3R13	W	06:00P-09:00P	01/19-05/04	
809-198-3R14	Th	06:00P-09:00P	01/20-05/05	
809-198-3R1A	MW	08:05A-09:35A	01/19-05/09	
809-198-3R1B	WF	08:05A-09:35A	01/19-05/06	
809-198-3R1C	WF	10:15A-11:45A	01/19-05/06	
809-198-3R1D	WF	01:30P-03:00P	01/19-05/06	
809-198-3R1E	TTh	08:05A-09:35A	01/20-05/10	
809-198-3R1F	TTh	10:15A-11:45A	01/20-05/10	
809-198-3R1G	TTh	11:20A-12:50P	01/20-05/10	
809-198-3RMA	BLND	T	09:10A-10:40A	01/25-05/10

This blended class requires substantial on-line work in addition to the face-to-face class times shown in the schedule.

809-198-3RMB	BLND	Th	09:10A-10:40A	01/20-05/05
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This blended class requires substantial on-line work in addition to the face-to-face class times shown in the schedule.

Elkhorn

809-198-3E11	T	05:15P-08:15P	01/25-05/10
809-198-3E12	Th	05:15P-08:15P	01/20-05/05
809-198-3E1A	MW	09:10A-10:40A	01/19-05/09
809-198-3E1B	MW	11:20A-12:50P	01/19-05/09
809-198-3E1C	MW	01:30P-03:00P	01/19-05/09
809-198-3E1D	TTh	10:15A-11:45A	01/20-05/10
809-198-3E1E	F	09:10A-12:10P	01/21-05/06

Burlington

809-198-3B11	W	06:00P-09:00P	01/19-05/04
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Off Campus

809-198-3W7A	INET	TBA	TBA-TBA	01/19-05/10
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Additional fees apply to this class — cost is \$377.44

809-198-3W7B	INET	TBA	TBA-TBA	01/19-05/10
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Additional fees apply to this class — cost is \$377.44

809-198-3W7C	INET	TBA	TBA-TBA	01/19-05/10
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Additional fees apply to this class — cost is \$377.44

809-198-3W7D	INET	TBA	TBA-TBA	01/19-05/10
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Additional fees apply to this class — cost is \$377.44

809-172	Race, Ethnic, and Diversity Studies			3.00 CR
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\$377.44 PREREQUISITES: NONE

Race, Ethnic, and Diversity Studies is a course that draws from several disciplines to reaffirm the basic American values of justice and equality by teaching a basic vocabulary, a basic history of immigration and conquest, principles of transcultural communication, legal liability, and the value of aesthetic production to increase the probability of respectful encounters among people. In addition to an analysis of majority/minority relations in a multicultural context, the topics of ageism, sexism, gender differences, sexual orientation, people with disabilities, and the Americans with Disabilities Act (ADA) are explored. Ethnic relations are studied in global and comparative perspectives.

Off Campus

809-172-3W7A	INET	TBA	TBA-TBA	01/19-05/10
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Additional fees apply to this class — cost is \$377.44

809-196	Sociology, Introduction to			3.00 CR
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\$347.44 PREREQUISITES: 838-105 Reading & Study Skills, Intro

This course examines interpersonal relationships of humans and groups and the consequent structure of society. It details the various social processes and concepts which shape human behavior, analyzing such phenomena as organizations, deviance, race and ethnic relations, population, urbanization, social change, and social movements. Religion, education, and the family are studied.

Kenosha

809-196-3K11		MW	03:40P-05:10P	01/19-05/09
809-196-3K12		M	06:00P-09:00P	01/24-05/09
809-196-3K13		T	06:00P-09:00P	01/25-05/10
809-196-3K14		W	06:00P-09:00P	01/19-05/04
809-196-3K15		Th	06:00P-09:00P	01/20-05/05
809-196-3K1A		TTh	11:20A-12:50P	01/20-05/10
809-196-3K1B		M	01:30P-04:30P	01/24-05/09
809-196-3K31	AC	M	01:30P-04:50P	01/24-03/07
809-196-3K9A		S	09:10A-12:10P	01/22-05/07
809-196-3KMA	BLND	T	09:10A-10:40A	01/25-05/10

This blended class requires substantial on-line work in addition to the face-to-face class times shown in the schedule.

809-196-3KMB	BLND	Th	09:10A-10:40A	01/20-05/05
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This blended class requires substantial on-line work in addition to the face-to-face class times shown in the schedule.

Racine

809-196-3R11		M	06:00P-09:00P	01/24-05/09
809-196-3R12		T	06:00P-09:00P	01/25-05/10
809-196-3R13		W	06:00P-09:00P	01/19-05/04
809-196-3R14		Th	06:00P-09:00P	01/20-05/10
809-196-3R15		F	02:35P-05:35P	01/21-05/06
809-196-3R1A		MW	11:20A-12:50P	01/19-05/09
809-196-3R1C		F	09:10A-12:10P	01/21-05/06
809-196-3RMA	BLND	M	09:10A-10:40A	01/24-05/09

This blended class requires substantial on-line work in addition to the face-to-face class times shown in the schedule.

809-196-3RMB	BLND	W	09:10A-10:40A	01/19-05/04
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This blended class requires substantial on-line work in addition to the face-to-face class times shown in the schedule.

Elkhorn

809-196-3E11	T	06:00P-09:00P	01/25-05/10
809-196-3E12	W	06:00P-09:00P	01/19-05/04
809-196-3E1A	T	09:10A-12:10P	01/25-05/10
809-196-3E1B	W	12:25P-03:25P	01/25-05/10

Burlington

809-196-3B11	Th	05:15P-08:15P	01/20-05/05
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Off Campus

809-196-3W7A	INET	TBA	TBA-TBA	01/19-05/10
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Additional fees apply to this class—cost is \$377.44

809-196-3W7B	INET	TBA	TBA-TBA	01/19-05/10
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Additional fees apply to this class—cost is \$377.44

809-196-3W7C	INET	TBA	TBA-TBA	01/19-05/10
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Additional fees apply to this class—cost is \$377.44

809-196-3W7D	INET	TBA	TBA-TBA	01/19-05/10
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Additional fees apply to this class—cost is \$377.44



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Accounting

101-158 Accounting Capstone 4.00 CR

\$470.92 PREREQUISITES: 101-104 Income Tax Accounting and 101-122 Intermediate Accounting II and 101-131 Management Accounting and 101-143 Payroll Accounting
COREQUISITES: 101-155 Financial Analysis/Management

The accounting capstone course will guide the student in dealing with ethics, internal control, and financial statement analysis in the accounting environment. Students will resolve accounting problems by applying skills and techniques acquired in previous courses. Students will apply business law and ethics to the accounting environment. This course will prepare students to take the ABA (Accredited Business Accountant) exam. The ABA is a national certification supported by the National Society of Accountants. It is a certification designed for accountants with associate degrees. The capstone course will provide an assessment opportunity aimed at achieving national certification.

Kenosha

101-158-3KA1 IPVID M 07:30A-08:30P 01/24-05/09

This class is offered via IP video to more than one campus at the same time.

101-158-3KAA IPVID M 12:25P-03:25P 01/24-05/09

This class is offered via IP video to more than one campus at the same time.

Racine

101-158-3RA1 IPVID M 05:30P-08:30P 01/24-05/09

This class is offered via IP video to more than one campus at the same time.

101-158-3RAA IPVID M 12:25P-03:25P 01/24-05/09

This class is offered via IP video to more than one campus at the same time.

Elkhorn

101-158-3EA1 IPVID M 05:30P-08:30P 01/24-05/09

This class is offered via IP video to more than one campus at the same time.

Off Campus

101-158-3WOA INET TBA TBA-TBA 01/19-05/04

See below for additional course information.*

101-158-3WOB INET TBA TBA-TBA 01/26-05/18

See below for additional course information.*

101-158-3WOC INET TBA TBA-TBA 02/02-05/25

See below for additional course information.*

101-158-3WOD INET TBA TBA-TBA 02/09-06/01

See below for additional course information.*

101-158-3WOE INET TBA TBA-TBA 02/16-06/08

See below for additional course information.*

101-158-3WOF INET TBA TBA-TBA 02/23-06/15

See below for additional course information.*

101-158-3WOG INET TBA TBA-TBA 03/02-06/22

See below for additional course information.*

101-158-3WOH INET TBA TBA-TBA 03/09-06/29

See below for additional course information.*

101-158-3WOI INET TBA TBA-TBA 03/23-07/06

See below for additional course information.*

101-158-3WOJ INET TBA TBA-TBA 03/30-07/13

See below for additional course information.*

101-158-3WOK INET TBA TBA-TBA 04/06-07/20

See below for additional course information.*

101-158-3WOL INET TBA TBA-TBA 04/13-07/27

See below for additional course information.*

*Additional fees apply to this class—cost is \$510.92. This course is offered in an on-demand (36 different start dates per year), on-line format. Note the specific start and end dates of this section as there are specific due dates for assignments. If you would like more information about on-demand accounting, go to <http://weblogmu.gtc.edu/ondemandaccounting/> or email OnDemandAccounting@gtc.edu.

101-112 Accounting for Business 3.00 CR

\$347.44 PREREQUISITES: NONE

A practical approach to the study of accounting. Basic accounting practices and procedures are explained with particular emphasis on the transactional effect on the income statement and balance sheet. Other areas covered include adjusting and closing entries; accounting for cash, including bank reconciliations and payroll accounting.

Kenosha

101-112-3K11 W 06:00P-09:00P 01/19-05/04

101-112-3K1A TTh 09:10A-10:40A 01/20-05/10

Racine

101-112-3R1A F 09:10A-12:10P 01/21-05/06

101-112-3R31 AC T 05:30P-09:30P 03/22-04/26

This course is offered in an accelerated format. Attendance at all scheduled class times is required.

Elkhorn

101-112-3E1A Th 01:30P-04:30P 01/20-05/05

Off Campus

101-112-3W7A INET TBA TBA-TBA 01/19-05/04

See below for additional course information.*

101-112-3W7B INET TBA TBA-TBA 01/19-05/04

See below for additional course information.*

101-112-3W7C INET TBA TBA-TBA 01/19-05/04

See below for additional course information.*

*Additional fees apply to this class—cost is \$377.44. On the first day of class, Wednesday, January 19, 2011 you should log onto Blackboard at <http://gtc.blackboard.com>

101-105 Accounting Portfolio Development 2.00 CR

\$235.46 PREREQUISITES: NONE

COREQUISITES: 101-104 Income Tax Accounting and 101-131 Management Accounting and 101-143 Payroll Accounting and 101-154 Accounting Software Applications and 101-155 Financial Analysis/Management and 101-106 Accounting Spreadsheet Applications or 101-126 Accounting Spreadsheet Applications

In this program capstone course, the student will refine and compile a personal portfolio (from prior program course assignments) that demonstrate mastery of the program's outcomes and can be used as a job interview tool. The student will develop a strategy for seeking, obtaining, and retaining employment. The student will identify professional goals and develop a job search or job advancement career plan, resume, application letter, and prepare for interviews. The student will explore local employment resources and career opportunities.

Kenosha

101-105-3KMA BLND Th 12:25P-01:55P 01/20-05/05

Off Campus

101-105-3WOA INET TBA TBA-TBA 01/19-05/04

See below for additional course information.*

101-105-3WOB INET TBA TBA-TBA 01/26-05/18

See below for additional course information.*

101-105-3WOC INET TBA TBA-TBA 02/02-05/25

See below for additional course information.*

101-105-3WOD	INET	TBA	TBA-TBA	02/09-06/01
	See below for additional course information.*			
101-105-3WOE	INET	TBA	TBA-TBA	02/16-06/08
	See below for additional course information.*			
101-105-3WOF	INET	TBA	TBA-TBA	02/23-06/15
	See below for additional course information.*			
101-105-3WOG	INET	TBA	TBA-TBA	03/02-06/22
	See below for additional course information.*			
101-105-3WOH	INET	TBA	TBA-TBA	03/09-06/29
	See below for additional course information.*			
101-105-3WOI	INET	TBA	TBA-TBA	03/23-07/06
	See below for additional course information.*			
101-105-3WOJ	INET	TBA	TBA-TBA	03/30-07/13
	See below for additional course information.*			
101-105-3WOK	INET	TBA	TBA-TBA	04/06-07/20
	See below for additional course information.*			
101-105-3WOL	INET	TBA	TBA-TBA	04/13-07/27
	See below for additional course information.*			

*Additional fees apply to this class — cost is \$255.46. This course is offered in an on-demand (36 different start dates per year), on-line format. Note specific start and end dates of this section as there are specific due dates for assignments. If you would like more information about on-demand accounting, go to <http://weblogmu.gtc.edu/ondemandaccounting/> or email OnDemandAccounting@gtc.edu.

101-114 Accounting Principles 4.00 CR

\$470.92 PREREQUISITES: NONE

Accounting Principles is an introduction to the field of accounting. The accounting cycle - analyzing, journalizing, posting, adjusting entries, worksheet preparation, financial statements, and closing entries - will be covered. Details of accounting for receivables, payables, cash, subsidiary ledgers, corporate organization, stock transactions, and dividends will be studied. Accounting Principles illustrates accounting methods for service and merchandising firms, partnerships, and corporations. Two comprehensive practice sets will be required.

Kenosha

101-114-3K11	T		05:00P-10:00P	01/25-05/10
101-114-3K1A	MW		09:10A-11:40A	01/19-05/09

Racine

101-114-3R11	T		05:00P-10:00P	01/25-05/10
101-114-3R1A	TTh		09:10A-11:40A	01/20-05/10

Elkhorn

101-114-3E1A	MW		12:25P-02:55P	01/19-05/09
	TBA		TBA-TBA	01/19-05/09

Off Campus

101-114-3WOA	INET	TBA	TBA-TBA	01/19-05/04
	See below for additional course information.*			
101-114-3WOB	INET	TBA	TBA-TBA	01/26-05/18
	See below for additional course information.*			
101-114-3WOC	INET	TBA	TBA-TBA	02/02-05/25
	See below for additional course information.*			
101-114-3WOD	INET	TBA	TBA-TBA	02/09-06/01
	See below for additional course information.*			
101-114-3WOE	INET	TBA	TBA-TBA	02/16-06/08
	See below for additional course information.*			
101-114-3WOF	INET	TBA	TBA-TBA	02/23-06/15
	See below for additional course information.*			

101-114-3WOG	INET	TBA	TBA-TBA	03/02-06/22
	See below for additional course information.*			
101-114-3WOH	INET	TBA	TBA-TBA	03/09-06/29
	See below for additional course information.*			
101-114-3WOI	INET	TBA	TBA-TBA	03/23-07/06
	See below for additional course information.*			
101-114-3WOJ	INET	TBA	TBA-TBA	03/30-07/13
	See below for additional course information.*			
101-114-3WOK	INET	TBA	TBA-TBA	04/06-07/20
	See below for additional course information.*			
101-114-3WOL	INET	TBA	TBA-TBA	04/13-07/27
	See below for additional course information.*			

*Additional fees apply to this class — cost is \$510.92. This course is offered in an on-demand (36 different start dates per year), on-line format. Note specific start and end dates of this section as there are specific due dates for assignments. If you would like more information about on-demand accounting, go to <http://weblogmu.gtc.edu/ondemandaccounting/> or email OnDemandAccounting@gtc.edu.

101-100 Accounting Program Orientation 1.00 CR

\$128.48 PREREQUISITES: NONE

Students develop skills to enhance their success in the Gateway Technical College accounting program and their career. These skills include self-assessment, time management, study skills, learning styles, and stress management. Students research the accounting field through the Internet, periodicals, and surveys. Students design an accounting academic and career development plan and initiate their ongoing program portfolio.

Off Campus

101-100-3WOA	INET	TBA	TBA-TBA	01/19-05/04
	See below for additional course information.*			
101-100-3WOB	INET	TBA	TBA-TBA	01/26-05/18
	See below for additional course information.*			
101-100-3WOC	INET	TBA	TBA-TBA	02/02-05/25
	See below for additional course information.*			
101-100-3WOD	INET	TBA	TBA-TBA	02/09-06/01
	See below for additional course information.*			
101-100-3WOE	INET	TBA	TBA-TBA	02/16-06/08
	See below for additional course information.*			
101-100-3WOF	INET	TBA	TBA-TBA	02/23-06/15
	See below for additional course information.*			
101-100-3WOG	INET	TBA	TBA-TBA	03/02-06/22
	See below for additional course information.*			
101-100-3WOH	INET	TBA	TBA-TBA	03/09-06/29
	See below for additional course information.*			
101-100-3WOI	INET	TBA	TBA-TBA	03/23-07/06
	See below for additional course information.*			
101-100-3WOJ	INET	TBA	TBA-TBA	03/30-07/13
	See below for additional course information.*			
101-100-3WOK	INET	TBA	TBA-TBA	04/06-07/20
	See below for additional course information.*			
101-100-3WOL	INET	TBA	TBA-TBA	04/13-07/27
	See below for additional course information.*			

*Additional fees apply to this class — cost is \$128.48. This course is offered in an on-demand (36 different start dates per year), on-line format. Note the specific start and end dates of this section as there are specific due dates for assignments. If you would like more information about on-demand accounting, go to <http://weblogmu.gtc.edu/ondemandaccounting/> or email OnDemandAccounting@gtc.edu.

101-154 Accounting Software Applications 2.00 CR

\$235.46 PREREQUISITES: 101-112 Accounting for Business or 101-114 Accounting Principles

This course is designed to introduce the student to commercially available accounting software. The student will keep data for customers, invoices, vendors, purchase orders, inventory, payroll, cash, and other data needed for both service and retail businesses. The student will also generate financial statements and other reports needed both for financial accounting and income tax purposes.

Racine

101-154-3R6A	SP,ST	T	12:25P-02:25P	01/25-05/10
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This class is offered in a self-paced lab. There will be weekly due dates, but students may work ahead. An instructor will be available for assistance.

Off Campus

101-154-3WOA	INET	TBA	TBA-TBA	01/19-05/04
	See below for additional course information.*			
101-154-3WOB	INET	TBA	TBA-TBA	01/26-05/18
	See below for additional course information.*			
101-154-3WOC	INET	TBA	TBA-TBA	02/02-05/25
	See below for additional course information.*			
101-154-3WOD	INET	TBA	TBA-TBA	02/09-06/01
	See below for additional course information.*			
101-154-3WOE	INET	TBA	TBA-TBA	02/16-06/08
	See below for additional course information.*			
101-154-3WOF	INET	TBA	TBA-TBA	02/23-06/15
	See below for additional course information.*			
101-154-3WOG	INET	TBA	TBA-TBA	03/02-06/22
	See below for additional course information.*			
101-154-3WOH	INET	TBA	TBA-TBA	03/09-06/29
	See below for additional course information.*			
101-154-3WOI	INET	TBA	TBA-TBA	03/23-07/06
	See below for additional course information.*			
101-154-3WOJ	INET	TBA	TBA-TBA	03/30-07/13
	See below for additional course information.*			
101-154-3WOK	INET	TBA	TBA-TBA	04/06-07/20
	See below for additional course information.*			
101-154-3WOL	INET	TBA	TBA-TBA	04/13-07/27
	See below for additional course information.*			

*Additional fees apply to this class — cost is \$255.46. This course is offered in an on-demand (36 different start dates per year), on-line format. Note the specific start and end dates of this section as there are specific due dates for assignments. If you would like more information about on-demand accounting, go to <http://weblogmu.gtc.edu/ondemandaccounting/> or email OnDemandAccounting@gtc.edu.

101-106 Accounting Spreadsheet Applications 3.00 CR

\$353.19 PREREQUISITES: 101-114 Accounting Principles or 101-112 Accounting for Business and 103-102 Microsoft Excel or 103-199 PC Basics/MS Office

This course covers intermediate and advanced spreadsheet topics. The student will develop and edit business-related worksheets and charts, including linking worksheets and workbooks. The student will also work with data tables, Goal Seek, scenarios, and Solver to perform what if calculations on various data. The student will also work with financial functions, macros, and create reports. This course will prepare the student to become Microsoft Office User Specialist (MOUS) certified in Excel at the Core of Expert level.

Kenosha

101-106-3K11		M	05:30P-09:30P	01/24-05/09
101-106-3K1A		M	12:25P-04:25P	01/24-05/09

Racine

101-106-3R6A	SP,ST	T	12:25P-02:25P	01/25-05/10
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This class is offered in a self-paced lab. There will be weekly due dates, but students may work ahead. An instructor will be available for assistance.

Off Campus

101-106-3WOA	INET	TBA	TBA-TBA	01/19-05/04
	See below for additional course information.*			
101-106-3WOB	INET	TBA	TBA-TBA	01/26-05/18
	See below for additional course information.*			
101-106-3WOC	INET	TBA	TBA-TBA	02/02-05/25
	See below for additional course information.*			
101-106-3WOD	INET	TBA	TBA-TBA	02/09-06/01
	See below for additional course information.*			
101-106-3WOE	INET	TBA	TBA-TBA	02/16-06/08
	See below for additional course information.*			
101-106-3WOF	INET	TBA	TBA-TBA	02/23-06/15
	See below for additional course information.*			
101-106-3WOG	INET	TBA	TBA-TBA	03/02-06/22
	See below for additional course information.*			
101-106-3WOH	INET	TBA	TBA-TBA	03/09-06/29
	See below for additional course information.*			
101-106-3WOI	INET	TBA	TBA-TBA	03/23-07/06
	See below for additional course information.*			
101-106-3WOJ	INET	TBA	TBA-TBA	03/30-07/13
	See below for additional course information.*			
101-106-3WOK	INET	TBA	TBA-TBA	04/06-07/20
	See below for additional course information.*			
101-106-3WOL	INET	TBA	TBA-TBA	04/13-07/27
	See below for additional course information.*			

*Additional fees apply to this class — cost is \$383.19. This course is offered in an on-demand (36 different start dates per year), on-line format. Note specific start and end dates of this section as there are specific due dates for assignments. If you would like more information about on-demand accounting, go to <http://weblogmu.gtc.edu/ondemandaccounting/> or email OnDemandAccounting@gtc.edu.

101-184 Business Finance and Budgeting 3.00 CR

\$347.44 PREREQUISITES: NONE

In Business Finance and Budgeting, the learner applies the skills necessary to achieve an understanding of the fiscal/monetary aspects of business. Each learner will demonstrate application of business types, cycles, forecasting, budgeting, expense control, and financial statement interpretation relevant to the supervisor as a non-accountant.

Racine

101-184-3R31	AC	W	06:00P-09:15P	01/19-03/02
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This class is offered in an accelerated format. Attendance at all class sessions is required.

101-155 Financial Analysis/Management 3.00 CR

\$353.19 PREREQUISITES: 101-106 Accounting Spreadsheet Applications or 101-126 Accounting Spreadsheet Applications
COREQUISITES: 101-122 Intermediate Accounting II

The student will think critically and apply accounting knowledge, principles, and procedures by utilizing financial analysis and financial management techniques in

managing the financial aspects of a “for profit” business. The student will learn to measure risk/reward/return; analyze corporate financial statements, and use time value of money analysis to make long-term financing decisions. The student will analyze corporate merger techniques, apply working capital management techniques, develop cash budgets, utilize breakeven analysis, and develop pro forma financial statements. A corporate annual report project is required using spreadsheet and word processing software.

Kenosha

101-155-3KA1	IPVID	W	05:30P-07:30P	01/19-05/04
	This class is offered via IP video to more than one campus at the same time.			
101-155-3KAA	IPVID	W	01:30P-03:30P	01/19-05/04
	This class is offered via IP video to more than one campus at the same time.			

Racine

101-155-3RA1	IPVID	W	05:30P-07:30P	01/19-05/04
	This class is offered via IP video to more than one campus at the same time.			
101-155-3RAA	IPVID	W	01:30P-03:30P	01/19-05/04
	This class is offered via IP video to more than one campus at the same time.			

Elkhorn

101-155-3EA1	IPVID	W	05:30P-07:30P	01/19-05/04
	This class is offered via IP video to more than one campus at the same time.			

Off Campus

101-155-3WOA	INET	TBA	TBA-TBA	01/19-05/04
	See below for additional course information.*			
101-155-3WOB	INET	TBA	TBA-TBA	01/26-05/18
	See below for additional course information.*			
101-155-3WOC	INET	TBA	TBA-TBA	02/02-05/25
	See below for additional course information.*			
101-155-3WOD	INET	TBA	TBA-TBA	02/09-06/01
	See below for additional course information.*			
101-155-3WOE	INET	TBA	TBA-TBA	02/16-06/08
	See below for additional course information.*			
101-155-3WOF	INET	TBA	TBA-TBA	02/23-06/15
	See below for additional course information.*			
101-155-3WOG	INET	TBA	TBA-TBA	03/02-06/22
	See below for additional course information.*			
101-155-3WOH	INET	TBA	TBA-TBA	03/09-06/29
	See below for additional course information.*			
101-155-3WOI	INET	TBA	TBA-TBA	03/23-07/06
	See below for additional course information.*			
101-155-3WOJ	INET	TBA	TBA-TBA	03/30-07/13
	See below for additional course information.*			
101-155-3WOK	INET	TBA	TBA-TBA	04/06-07/20
	See below for additional course information.*			
101-155-3WOL	INET	TBA	TBA-TBA	04/13-07/27
	See below for additional course information.*			

*Additional fees apply to this class — cost is \$383.19. This course is offered in an on-demand (36 different start dates per year), on-line format. Note the specific start and end dates of this section as there are specific due dates for assignments. If you would like more information about on-demand accounting, go to <http://weblogmu.gtc.edu/ondemandaccounting/> or email OnDemandAccounting@gtc.edu.

101-104 Income Tax Accounting 4.00 CR

\$470.92 PREREQUISITES: NONE

This course covers basic federal and state income tax laws. The student will prepare manual and electronic Federal and manual Wisconsin individual tax returns (including self-employment), as well as basic federal partnership, S-Corp, and corporate tax returns. Additional areas of study will include: exemptions, gross income, deductions, credits, capital gains/losses, cost recovery, Sec. 1231 and 1245 recapture, passive activity losses, NOLs, AMT, and tax planning. Basic computer literacy required.

Kenosha

101-104-3EM1	BLND	Th	05:30P-08:30P	01/20-05/05
101-104-3KMA	BLND	Th	11:20A-02:20P	01/20-05/05

Racine

101-104-3RMA	BLND	Th	12:25P-03:25P	01/20-05/05
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Elkhorn

101-104-3EMA		M	09:10A-12:10P	01/24-05/09
		TBA	TBA-TBA	01/24-05/09

Off Campus

101-104-3WOA	INET	TBA	TBA-TBA	01/19-05/04
	See below for additional course information.*			
101-104-3WOB	INET	TBA	TBA-TBA	01/26-05/18
	See below for additional course information.*			
101-104-3WOC	INET	TBA	TBA-TBA	02/02-05/25
	See below for additional course information.*			
101-104-3WOD	INET	TBA	TBA-TBA	02/09-06/01
	See below for additional course information.*			
101-104-3WOE	INET	TBA	TBA-TBA	02/16-06/08
	See below for additional course information.*			
101-104-3WOF	INET	TBA	TBA-TBA	02/23-06/15
	See below for additional course information.*			
101-104-3WOG	INET	TBA	TBA-TBA	03/02-06/22
	See below for additional course information.*			
101-104-3WOH	INET	TBA	TBA-TBA	03/09-06/29
	See below for additional course information.*			
101-104-3WOI	INET	TBA	TBA-TBA	03/23-07/06
	See below for additional course information.*			
101-104-3WOJ	INET	TBA	TBA-TBA	03/30-07/13
	See below for additional course information.*			
101-104-3WOK	INET	TBA	TBA-TBA	04/06-07/20
	See below for additional course information.*			
101-104-3WOL	INET	TBA	TBA-TBA	04/13-07/27
	See below for additional course information.*			

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101-121 Intermediate Accounting I 4.00 CR

\$470.92 PREREQUISITES: 101-114 Accounting Principles
 COREQUISITES: 101-100 Accounting Program Orientation and 804-123 Math with Business Applications and 103-102 Microsoft Excel and 103-199 PC Basics/MS Office

Intermediate Accounting I will apply FASB principles and GAAP to corporations and will emphasize an in-depth understanding of the balance sheet. Students will learn to prepare classified balance sheets, account for receivables, inventory valuation and estimation, acquisition and disposition of fixed and intangible assets, and current

and long-term liabilities, including time value of money concepts. Students will be expected to use Excel for preparation of designated assignments and will submit an electronic project.

Kenosha

101-121-3KM1	BLND	T	05:30P-08:30P	01/25-05/10
101-121-3KMA	BLND	W	10:15A-01:15P	01/19-05/04

Racine

101-121-3RMA	BLND	W	09:10A-12:10P	01/19-05/04
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Elkhorn

101-121-3EMA		W	09:10A-12:10P	01/19-05/04
		TBA	TBA-TBA	01/19-05/04

Off Campus

101-121-3WOA	INET	TBA	TBA-TBA	01/19-05/04
	See below for additional course information.*			
101-121-3WOB	INET	TBA	TBA-TBA	01/26-05/18
	See below for additional course information.*			
101-121-3WOC	INET	TBA	TBA-TBA	02/02-05/25
	See below for additional course information.*			
101-121-3WOD	INET	TBA	TBA-TBA	02/09-06/01
	See below for additional course information.*			
101-121-3WOE	INET	TBA	TBA-TBA	02/16-06/08
	See below for additional course information.*			
101-121-3WOF	INET	TBA	TBA-TBA	02/23-06/15
	See below for additional course information.*			
101-121-3WOG	INET	TBA	TBA-TBA	03/02-06/22
	See below for additional course information.*			
101-121-3WOH	INET	TBA	TBA-TBA	03/09-06/29
	See below for additional course information.*			
101-121-3WOI	INET	TBA	TBA-TBA	03/23-07/06
	See below for additional course information.*			
101-121-3WOJ	INET	TBA	TBA-TBA	03/30-07/13
	See below for additional course information.*			
101-121-3WOK	INET	TBA	TBA-TBA	04/06-07/20
	See below for additional course information.*			
101-121-3WOL	INET	TBA	TBA-TBA	04/13-07/27
	See below for additional course information.*			

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101-122 Intermediate Accounting II 4.00 CR

\$510.92 PREREQUISITES: 101-121 Intermediate Accounting I
Intermediate Accounting II will cover advanced topics of corporate accounting with an emphasis on stockholders' equity and presentation of income statement items. Students will learn to prepare multi-step income statements and statements of cash flows, calculate EPS, account for investments in debt and equity securities, income taxes, and leases. They will utilize the revenue recognition principle, perform error analysis, become familiar with FASB's full disclosure requirements, and prepare consolidated financial statements. Students will be expected to use Excel for preparation of designated assignments and will submit a comprehensive electronic project.

Off Campus

101-122-3WOA	INET	TBA	TBA-TBA	01/19-05/04
	See below for additional course information.*			
101-122-3WOB	INET	TBA	TBA-TBA	01/26-05/18
	See below for additional course information.*			

101-122-3WOC	INET	TBA	TBA-TBA	02/02-05/25
	See below for additional course information.*			
101-122-3WOD	INET	TBA	TBA-TBA	02/09-06/01
	See below for additional course information.*			
101-122-3WOE	INET	TBA	TBA-TBA	02/16-06/08
	See below for additional course information.*			
101-122-3WOF	INET	TBA	TBA-TBA	02/23-06/15
	See below for additional course information.*			
101-122-3WOG	INET	TBA	TBA-TBA	03/02-06/22
	See below for additional course information.*			
101-122-3WOH	INET	TBA	TBA-TBA	03/09-06/29
	See below for additional course information.*			
101-122-3WOI	INET	TBA	TBA-TBA	03/23-07/06
	See below for additional course information.*			
101-122-3WOJ	INET	TBA	TBA-TBA	03/30-07/13
	See below for additional course information.*			
101-122-3WOK	INET	TBA	TBA-TBA	04/06-07/20
	See below for additional course information.*			
101-122-3WOL	INET	TBA	TBA-TBA	04/13-07/27
	See below for additional course information.*			

*Additional fees apply to this class — cost is \$510.92. This course is offered in an on-demand (36 different start dates per year), on-line format. Note specific start and end dates of this section as there are specific due dates for assignments. If you would like more information about on-demand accounting, go to <http://weblogmu.gtc.edu/ondemandaccounting/> or email OnDemandAccounting@gtc.edu.

101-103 Internship for Accounting 2.00 CR

\$252.96 Instructor consent required
PREREQUISITES: NONE

This course is an on-the-job accounting related work experience. The student will perform 72 hours of accounting related duties in a business, governmental, or not-for-profit setting. Students are responsible for seeking and obtaining the internship workstation position (paid or unpaid). The student will make a summary of work activities. Job supervisor approval and instructor pre-approval are required.

Off Campus

101-103-3W7A	INET	TBA	TBA-TBA	01/19-05/04
	Additional fees apply to this class — cost is \$252.96. On the first day of class, Wednesday, January 19, 2011 you should log onto Blackboard at http://gtc.blackboard.com			

101-131 Management Accounting 4.00 CR

\$510.92 PREREQUISITES: 101-121 Intermediate Accounting I
COREQUISITES: 101-106 Accounting Spreadsheet Applications or 101-126 Accounting Spreadsheet Applications

This course covers the fundamentals of managerial accounting for a manufacturing company. The student will learn the flow of costs through the accounting system, including material, labor, and factory overhead. The student will also learn job order vs. process cost accumulation, as well as computing and recording variances in a standard cost system. Cost behavior analysis, costing joint and by-products, and just-in-time manufacturing will also be covered. The student will use quantitative models and cost analysis to make managerial decisions. The student will also prepare a master budget for a manufacturing business.

Off Campus

101-131-3WOA	INET	TBA	TBA-TBA	01/19-05/04
	See below for additional course information.*			
101-131-3WOB	INET	TBA	TBA-TBA	01/26-05/18
	See below for additional course information.*			

101-131-3WOC	INET	TBA	TBA-TBA	02/02-05/25
	See below for additional course information.*			
101-131-3WOD	INET	TBA	TBA-TBA	02/09-06/01
	See below for additional course information.*			
101-131-3WOE	INET	TBA	TBA-TBA	02/16-06/08
	See below for additional course information.*			
101-131-3WOF	INET	TBA	TBA-TBA	02/23-06/15
	See below for additional course information.*			
101-131-3WOG	INET	TBA	TBA-TBA	03/02-06/22
	See below for additional course information.*			
101-131-3WOH	INET	TBA	TBA-TBA	03/09-06/29
	See below for additional course information.*			
101-131-3WOI	INET	TBA	TBA-TBA	03/23-07/06
	See below for additional course information.*			
101-131-3WOJ	INET	TBA	TBA-TBA	03/30-07/13
	See below for additional course information.*			
101-131-3WOK	INET	TBA	TBA-TBA	04/06-07/20
	See below for additional course information.*			
101-131-3WOL	INET	TBA	TBA-TBA	04/13-07/27
	See below for additional course information.*			

*Additional fees apply to this class — cost is \$510.92. This course is offered in an on-demand (36 different start dates per year), on-line format. Note specific start and end dates of this section as there are specific due dates for assignments. If you would like more information about on-demand accounting, go to <http://weblogmu.gtc.edu/ondemandaccounting/> or email OnDemandAccounting@gtc.edu.

101-143 Payroll Accounting 2.00 CR

\$255.46 PREREQUISITES: NONE

Payroll accounting exposes students to the various tax rules and laws, tax rates, and reports that form the core of a payroll accountant's responsibility. Students will be working with tax tables and forms and will learn how to determine gross and net earnings of an employee. Deductions for social security, Medicare, and federal and state income taxes will be computed. Students will also be able to determine the employer's liability for payroll taxes, including unemployment and workman's compensation premiums. Other requirements include the completion of a Wisconsin Sales and Use Tax form. Electronic software will be utilized to input and run a company's payroll for one quarter along with manual preparation of federal tax forms.

Off Campus

101-143-3WOA	INET	TBA	TBA-TBA	01/19-05/04
	See below for additional course information.*			
101-143-3WOB	INET	TBA	TBA-TBA	01/26-05/18
	See below for additional course information.*			
101-143-3WOC	INET	TBA	TBA-TBA	02/02-05/25
	See below for additional course information.*			
101-143-3WOD	INET	TBA	TBA-TBA	02/09-06/01
	See below for additional course information.*			
101-143-3WOE	INET	TBA	TBA-TBA	02/16-06/08
	See below for additional course information.*			
101-143-3WOF	INET	TBA	TBA-TBA	02/23-06/15
	See below for additional course information.*			
101-143-3WOG	INET	TBA	TBA-TBA	03/02-06/22
	See below for additional course information.*			
101-143-3WOH	INET	TBA	TBA-TBA	03/09-06/29
	See below for additional course information.*			

101-143-3WOI	INET	TBA	TBA-TBA	03/23-07/06
	See below for additional course information.*			
101-143-3WOJ	INET	TBA	TBA-TBA	03/30-07/13
	See below for additional course information.*			
101-143-3WOK	INET	TBA	TBA-TBA	04/06-07/20
	See below for additional course information.*			
101-143-3WOL	INET	TBA	TBA-TBA	04/13-07/27
	See below for additional course information.*			

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Admin/Office Assistant/ Medical

106-192 Administrative Assistant Internship 3.00 CR

\$347.44 Instructor consent required
PREREQUISITES: NONE

Students perform word processing, spreadsheet, and database applications in an on-the-job training situation in an office. The student, employee, employer, and internship instructor interact during the training experience. The internship includes five weeks of employment credential preparation and software review in the classroom before job placement.

Kenosha

106-192-3K1A T 08:05A-10:05A 01/25-05/10

Racine

106-192-3R11 W 05:50P-07:50P 01/19-05/04

Off Campus

106-192-3W7A INET TBA TBA-TBA 01/19-05/10

Additional fees apply to this class — cost is \$377.44. Additional fees apply to this course. Internet courses require a computer with access to the Internet, browser software (for PCs - Netscape Communicator 7.1, Internet Explorer 6.0 or later, or Mozilla Firefox 1.0x or better), and an active e-mail account. Computer labs are available on campus for you to complete this course. On the first day of class you should log into Blackboard at <http://gtc.blackboard.com>. If you have never used Blackboard at Gateway before, please contact Student Services to obtain a password. Students taking online courses must be familiar with using a mouse, able to save and open files, send e-mails, and use the Internet. Specific hardware and software necessary are Windows XP or newer and Microsoft Office 2007 suite.

106-190 Administrative Office Procedures 3.00 CR

\$353.19 PREREQUISITES: 106-138 Automated Office Applications I

This course will develop professional skills and attitudes needed in today's global business environment. Topics include making ethical decisions, working independently and as a team member, and managing time. Telecommunications, mail processing, travel arrangements and conferences, public relations, and ergonomics will be included.

Lakeview Advanced Tech. Center

106-190-3LM1 BLND W 05:50P-07:50P 01/19-05/04

This blended class requires substantial online work in addition to the face-to-face class times shown in the schedule.

106-004 Advanced Office Technologies 3.00 CR

S353.19 PREREQUISITES: NONE

This course familiarizes students with software used to manage stand alone projects as well as planning and tracking collaborative projects, applying technologies to specific meeting and event planning, entering information on a personal digital assistant and desktop computer, and maintaining office equipment, computer hardware, and software.

Kenosha

106-004-3KMA BLND T 12:25P-02:25P 01/25-05/10
This blended class requires substantial online work in addition to the face-to-face class times shown in the schedule.

Racine

106-004-3RM1 BLND T 05:50P-07:50P 01/25-05/10
This blended class requires substantial online work in addition to the face-to-face class times shown in the schedule.

Elkhorn

106-004-3EMA BLND M 10:15A-12:15P 01/24-05/09
This blended class requires substantial online work in addition to the face-to-face class times shown in the schedule.

106-138 Automated Office Applications I 3.00 CR

S353.19 PREREQUISITES: 106-137 Keyboarding Applications
Automated Office Applications I is designed to develop an understanding of computer terminology, hardware, software, an operating system, and spreadsheet and database software.

Kenosha

106-138-3K1A MW 11:20A-01:20P 01/19-05/09

Racine

106-138-3R1A W 12:22P-04:25P 01/19-05/04

Elkhorn

106-138-3EMA BLND T 11:20A-01:20P 01/25-05/10
This blended class requires substantial online work in addition to the face-to-face class times shown in the schedule.

106-142 Automated Office Applications II 3.00 CR

S383.19 PREREQUISITES: 106-138 Automated Office Applications I
This course is the second in the sequence of business application courses for Administrative Assistant students. Emphasis will be on more advanced features of spreadsheets and databases.

Off Campus

106-142-3W7A INET TBA TBA-TBA 01/19-05/10

Additional fees apply to this class — cost is \$383.19. Additional fees apply to this course. Internet courses require a computer with access to the Internet, browser software (for PCs - Netscape Communicator 7.1, Internet Explorer 6.0 or later, or Mozilla Firefox 1.0x or better), and an active e-mail account. Computer labs are available on campus for you to complete this course. On the first day of class you should log into Blackboard at <http://gtc.blackboard.com>. If you have never used Blackboard at Gateway before, please contact Student Services to obtain a password. Students taking online courses must be familiar with using a mouse, able to save and open files, send e-mails, and use the Internet. Specific hardware and software necessary are Windows XP or newer and Microsoft Office 2007 suite.

106-152 Automated Office Applications III 3.00 CR

S353.19 PREREQUISITES: 106-142 Automated Office Applications II and 106-190 Administrative Office Procedures

A capstone course integrating the aspects of word processing, database, spreadsheet, graphics, electronic mail, and calendaring applications.

Kenosha

106-152-3KMA BLND M 11:20A-01:20P 01/24-05/09
This blended class requires substantial online work in addition to the face-to-face class times shown in the schedule.

Racine

106-152-3RM1 BLND Th 05:50P-07:50P 01/20-05/05
This blended class requires substantial online work in addition to the face-to-face class times shown in the schedule.

Off Campus

106-152-3W7A INET TBA TBA-TBA 01/19-05/10

Additional fees apply to this class — cost is \$383.19. Additional fees apply to this course. Internet courses require a computer with access to the Internet, browser software (for PCs - Netscape Communicator 7.1, Internet Explorer 6.0 or later, or Mozilla Firefox 1.0x or better), and an active e-mail account. Computer labs are available on campus for you to complete this course. On the first day of class you should log into Blackboard at <http://gtc.blackboard.com>. If you have never used Blackboard at Gateway before, please contact Student Services to obtain a password. Students taking online courses must be familiar with using a mouse, able to save and open files, send e-mails, and use the Internet. Specific hardware and software necessary are Windows XP or newer and Microsoft Office 2007 suite.

106-126 Keyboarding 1.00 CR

S118.48 PREREQUISITES: NONE

Develop touch method skills on the computer keyboard through fingering techniques, speed, and accuracy drills.

Kenosha

106-126-3K2A ST TTh 01:30P-04:00P 01/20-03/03

Racine

106-126-3R1A TTh 02:35P-05:05P 03/22-04/28

Elkhorn

106-126-3EMA BLND Th 08:05A-10:35A 01/27-03/03

This blended class requires substantial online work in addition to the face-to-face class times shown in the schedule.

Off Campus

106-126-3W7A INET TBA TBA-TBA 01/19-05/10

Additional fees apply to this class — cost is \$128.48. Additional fees apply to this course. Internet courses require a computer with access to the Internet, browser software (for PCs - Netscape Communicator 7.1, Internet Explorer 6.0 or later, or Mozilla Firefox 1.0x or better), and an active e-mail account. Computer labs are available on campus for you to complete this course. On the first day of class you should log into Blackboard at <http://gtc.blackboard.com>. If you have never used Blackboard at Gateway before, please contact Student Services to obtain a password. Students taking online courses must be familiar with using a mouse, able to save and open files, send e-mails, and use the Internet. Specific hardware and software necessary are Windows XP or newer and Microsoft Office 2007 suite.

106-137	Keyboarding Applications			3.00 CR
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S353.19 PREREQUISITES: NONE

This course is designed to develop keyboarding skills and basic document formatting techniques using word processing software.

Kenosha

106-137-3K11		TTh	05:50P-08:20P	01/20-05/10
106-137-3K2A	ST	TTh	01:30P-04:00P	01/20-05/10

Racine

106-137-3R1A		MW	12:25P-02:55P	01/19-05/09
106-137-3R2I	ST	MW	06:55P-09:25P	01/19-05/09

Elkhorn

106-137-3EMA	BLND	T	08:05A-10:35A	01/25-05/10
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This blended class requires substantial online work in addition to the face-to-face class times shown in the schedule.

Off Campus

106-137-3W7A	INET	TBA	TBA-TBA	01/19-05/10
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Additional fees apply to this class — cost is \$383.19. Additional fees apply to this course. Internet courses require a computer with access to the Internet, browser software (for PCs - Netscape Communicator 7.1, Internet Explorer 6.0 or later, or Mozilla Firefox 1.0x or better), and an active e-mail account. Computer labs are available on campus for you to complete this course. On the first day of class you should log into Blackboard at <http://gtc.blackboard.com>. If you have never used Blackboard at Gateway before, please contact Student Services to obtain a password. Students taking online courses must be familiar with using a mouse, able to save and open files, send e-mails, and use the Internet. Specific hardware and software necessary are Windows XP or newer and Microsoft Office 2007 suite.

106-178	Office Proofreading and Editing			2.00 CR
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S232.96 PREREQUISITES: NONE

This course is designed to improve total effectiveness in written communication by providing a comprehensive review of the rules governing business communications. The current edition of the Gregg Reference Manual will be used in this course. In addition, the course provides tips for developing and strengthening good proofreading skills.

Kenosha

106-178-3K1A		W	03:40P-05:40P	01/19-05/04
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Racine

106-178-3R11		M	04:45P-06:45P	01/24-05/09
106-178-3R1A		M	10:15A-12:15P	01/24-05/09

106-187	Office Technology Communications			3.00 CR
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S353.19 PREREQUISITES: 106-137 Keyboarding Applications and 106-178 Office Proofreading and Editing and 801-136 English Composition I

Effective written business communication principles are discussed and applied to the composition of routine business correspondence and reports. Oral communication presentations will be used to enhance the student's understanding of effective communication principles. Proper communication techniques for telephone use will be demonstrated.

Lakeview Advanced Tech. Center

106-187-3LM1	BLND	Th	05:50P-07:50P	01/20-05/05
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This blended class requires substantial online work in addition to the face-to-face class times shown in the schedule.

106-119	Professional Development			2.00 CR
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S232.96 PREREQUISITES: NONE

Professional Development places emphasis on the development of a total professional image. Social and business intelligence, personal and professional goals, positive work attitude, time management, productive work habits, customer service knowledge, and job seeking skills, including the development of a job portfolio, are covered.

Kenosha

106-119-3K1A		Th	11:20A-01:20P	01/20-05/05
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Racine

106-119-3R11		W	06:55P-08:55P	01/19-05/04
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Off Campus

106-119-3W7A	INET	TBA	TBA-TBA	01/19-05/10
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Additional fees apply to this class — cost is \$252.96. Additional fees apply to this course. Internet courses require a computer with access to the Internet, browser software (for PCs - Netscape Communicator 7.1, Internet Explorer 6.0 or later, or Mozilla Firefox 1.0x or better), and an active e-mail account. Computer labs are available on campus for you to complete this course. On the first day of class you should log into Blackboard at <http://gtc.blackboard.com>. If you have never used Blackboard at Gateway before, please contact Student Services to obtain a password. Students taking online courses must be familiar with using a mouse, able to save and open files, send e-mails, and use the Internet. Specific hardware and software necessary are Windows XP or newer and Microsoft Office 2007 suite.

106-002	Publication Design for the Office			3.00 CR
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S353.19 PREREQUISITES: 106-137 Keyboarding Applications

Students will create professional newsletters, brochures, flyers, forms, business cards, and other business publications using layout and design software. Students will select appropriate designs from the catalog.

Kenosha

106-002-3KMA	BLND	T	11:20A-01:20P	01/25-05/10
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This blended class requires substantial online work in addition to the face-to-face class times shown in the schedule.

Racine

106-002-3RM1	BLND	M	05:50P-07:50P	01/24-05/09
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This blended class requires substantial online work in addition to the face-to-face class times shown in the schedule.

Elkhorn

106-002-3EMA	BLND	M	08:05A-10:05A	01/24-05/09
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This blended class requires substantial online work in addition to the face-to-face class times shown in the schedule. T

106-112	Records Management			2.00 CR
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S232.96 PREREQUISITES: NONE

This course presents guidelines and procedures for controlling business information from its creation through distribution, retention and retrieval, storage, preservation, protection, and final disposition. The main systems include alphabetic, numeric, and subject filing.

Kenosha

106-112-3K1A		W	01:30P-03:30P	01/19-05/04
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Racine

106-112-3R11		W	04:45P-06:45P	01/19-05/04
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Off Campus

106-112-3W7A	INET	TBA	TBA-TBA	01/19-05/10
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Additional fees apply to this class — cost is \$252.96. Additional fees apply to this course. Internet courses require a computer with access to the Internet, browser software (for PCs - Netscape Communicator 7.1, Internet Explorer 6.0 or later, or Mozilla Firefox 1.0x or better), and an active e-mail account. Computer labs are available on campus for you to complete this course. On the first day of class you should log into Blackboard at <http://gic.blackboard.com>. If you have never used Blackboard at Gateway before, please contact Student Services to obtain a password. Students taking online courses must be familiar with using a mouse, able to save and open files, send e-mails, and use the Internet. Specific hardware and software necessary are Windows XP or newer and Microsoft Office 2007 suite.

labs are available on campus for you to complete this course. On the first day of class you should log into Blackboard at <http://gic.blackboard.com>. If you have never used Blackboard at Gateway before, please contact Student Services to obtain a password. Students taking online courses must be familiar with using a mouse, able to save and open files, send e-mails, and use the Internet. Specific hardware and software necessary are Windows XP or newer and Microsoft Office 2007 suite.

Aeronautics

106-127 Skill Building I 1.00 CR

\$118.48 PREREQUISITES: 106-126 Keyboarding
A beginning course designed to help students who already have basic keyboarding skills improve their speed and accuracy.

Kenosha
106-127-3K2A ST TTh 01:30P-04:00P 03/22-04/28

Racine
106-127-3R21 ST M 06:55P-09:25P 01/24-04/18

106-199 Web Pages for the Office 2.00 CR

\$235.46 PREREQUISITES: NONE
This is an entry level course for the office systems technology professional who wishes to modify, publish, and maintain a web site. This course will focus on what the Internet is and how it is used in a business environment. Web publishing software will be used for: revising and publishing web pages and web sites; using lists, hyperlinks, images, and the task list; creating tables and frames in web pages; using advanced editing and publishing features; and incorporating forms and using appropriate forms handling. To be successful, the student must have an understanding of any one of the Windows 95/98/ME/XP operating systems and file management.

Kenosha
106-199-3KM1 BLND M 05:50P-07:20P 01/24-05/09

106-003 Word Processing for the Office 4.00 CR

\$470.92 PREREQUISITES: 106-137 Keyboarding Applications
This class covers the specialized features of word processing software. Students develop expertise in the creation of business documents through the use of operational and text-editing features, such as document merges, newspaper and parallel columns, tables, and graphics. Proofreading will be developed through the production of business documents that have been transcribed from recorded voice dictation.

Kenosha
106-003-3KMA BLND W 08:05A-11:05A 01/19-05/04

This blended class requires substantial online work in addition to the face-to-face class times shown in the schedule.

Racine
106-003-3RM1 BLND Th 05:50P-08:50P 01/20-05/05

This blended class requires substantial online work in addition to the face-to-face class times shown in the schedule.

Off Campus
106-003-3W7A INET TBA TBA-TBA 01/19-05/10

Additional fees apply to this class — cost is \$510.92. Additional fees apply to this course. Internet courses require a computer with access to the Internet, browser software (for PCs - Netscape Communicator 7.1, Internet Explorer 6.0 or later, or Mozilla Firefox 1.0x or better), and an active e-mail account. Computer

402-133 Aero Science Commercial 3.00 CR

\$538.44 PREREQUISITES: NONE
An advanced aviation ground course designed to prepare the student for the FAA Commercial Pilot Airplane written examination.

Kenosha
402-133-3K6A ST TTh 02:35P-05:05P 01/20-05/10

402-139 Aero Science Engine/ Structures/ Systems 3.00 CR

\$347.44 PREREQUISITES: 402-140 Flight Private Pilot
Principles of aircraft engine theory and operation including construction, lubrication, carburetion, ignition, supercharging and propellers. Principles of aircraft structures including basic stresses, types of construction, advantage of each type and an overview of FAA repair procedures.

Horizon Center
402-139-3H1A DS TBA TBA-TBA 01/19-05/10

402-137 Aero Science Instrument 3.00 CR

\$538.44 PREREQUISITES: NONE
An advanced aviation ground course designed to prepare a student for the FAA Instrument Airplane rating written examination.

Kenosha
402-137-3K6A ST TTh 02:35P-05:05P 01/20-05/10

402-129 Aviation/Introduction 3.00 CR

\$538.44 PREREQUISITES: NONE
An introductory aviation ground course designed to prepare the student for the FAA Private Pilot Airplane written examination.

Kenosha
402-129-3K6A ST TTh 02:35P-05:05P 01/20-05/10

402-140 Flight Private Pilot 3.00 CR

\$13,585.44 PREREQUISITES: NONE
COREQUISITES: 402-129 Aviation/Introduction
Introduces the student to flight. Develops the necessary skills and knowledge to solo and prepare for the private pilot flight test.

Horizon Center
402-140-3H1A MTWThFSsu TBA-TBA 01/19-05/10

402-171 Professional Piloting I 2.00 CR

\$5,926.96 PREREQUISITES: 402-140 Flight Private Pilot
COREQUISITES: 402-137 Aero Science Instrument
This is the first in a series of four courses approved as an FAA Part 141 combined commercial/ instrument certification course. This course will focus on the addition of the multi-engine rating to the student's existing private pilot certification.

Horizon Center
402-171-3H1A MTWThFSsu TBA-TBA 01/19-05/10

402-173	Professional Piloting II	2.00 CR
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\$11,021.96 PREREQUISITES: 402-171 Professional Piloting I
 This is the second course in a series of four courses approved as an FAA Part 141 combined commercial/instrument certification course. This course will focus on the addition of instrument rating to the student's existing private pilot certificate. Flight instruction will be conducted in a multi-engine aircraft.

Horizon Center
 402-173-3H1A MTWThFSSu TBA-TBA 01/19-05/10

402-175	Professional Piloting III	2.00 CR
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\$18,575.96 PREREQUISITES: 402-173 Professional Piloting II
 COREQUISITES: 402-133 Aero Science Commercial
 This is the third course in a series of four courses approved as an FAA Part 141 combined commercial/instrument certification course. This course will focus on the student's gaining cross-country experience in a multi-engine aircraft.

Horizon Center
 402-175-3H1A MTWThFSSu TBA-TBA 01/19-05/10

402-177	Professional Piloting IV	2.00 CR
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\$11,951.96 PREREQUISITES: 402-175 Professional Piloting III
 This is the fourth course in a series of courses approved as an FAA Part 141 combined commercial/instrument certification course. This course will focus on gaining the required skills necessary to meet the requirements of the FAA Commercial Pilot Certification, both single and multi-engine.

Horizon Center
 402-177-3H1A MTWThFSSu TBA-TBA 01/19-05/10

Air Conditioning, Heating & Refrigeration Technology

601-110	Air Conditioning Fundamentals	3.00 CR
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\$347.44 PREREQUISITES: NONE
 Topics covered include air conditioning principles and terms, physical principles of air movement and humidity, methods of conditioning air for comfort and health, the proper use of psychrometers, dry bulb thermometers, hygrometers, pilot tubes, recorders, manometers and barometers and the reading and interpretation of psychrometric charts and scales.

Kenosha
 601-110-3K11 Th 05:50P-08:50P 01/20-05/05

601-128	Electrical Controls and Systems	3.00 CR
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\$392.19 PREREQUISITES: 605-107 Fundamentals of Electricity/Electronics
 Topics in this course include basic electricity review, control circuits, three phase motors, single phase motors, solid state devices, control components and troubleshooting using control schematics and solid state controls.

Kenosha
 601-128-3K1A M 09:10A-10:10A 01/24-05/09
 M 10:10A-02:10P 01/24-05/09

601-117	Facility Operating Engineer HP	3.00 CR
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\$392.19 PREREQUISITES: 601-113 Facility Operating Engineer LP
 In this course, advanced boiler operation and maintenance of mechanical heating and cooling systems will be discussed. Students will learn to understand the operations of ventilation system equipment, controls, heat exchangers, air compressors, AC & DC motors, and turbines.

Kenosha
 601-117-3K11 M 04:45P-06:45P 01/24-05/09
 M 06:45P-08:45P 01/24-05/09

601-113	Facility Operating Engineer LP	5.00 CR
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\$653.65 PREREQUISITES: NONE
 This lecture format course will introduce the student to the fundamentals of obtaining the Facility Operating Engineer 3rd Class certification. Principles of thermodynamics, boiler classification, construction, fuels, rating and efficiency, and firing methods will be covered.

Kenosha
 601-113-3K11 TTh 05:50P-08:50P 01/25-05/10

601-121	Heating Systems	3.00 CR
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\$392.19 PREREQUISITES: 601-110 Air Conditioning Fundamentals
 Topics in this course include introduction to heat principles, temperature measurement, fuels and other sources of heat, combustion, basic heating systems, basic furnace design, gas furnace design and operation, venting of furnaces, chimney or exhaust gases and system controls.

Kenosha
 601-121-3K1A F 09:10A-11:10A 01/21-05/06
 F 11:10A-01:10P 01/21-05/06

601-131	Heating Systems Applications	3.00 CR
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\$392.19 PREREQUISITES: 601-121 Heating Systems
 Topics include installation and service of heating and humidifying systems, including steam and hydronic heat distribution systems, heat pumps and complete air conditioning systems and heat recovery systems.

Kenosha
 601-131-3K11 W 04:45P-05:45P 01/19-05/04
 W 05:45P-09:45P 01/19-05/04

601-130	HVAC Blueprint Reading	2.00 CR
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\$261.46 PREREQUISITES: NONE
 Topics include blueprint reading, locating, interpreting and utilizing state building codes; understanding, interpreting and utilizing architectural working drawings.

Kenosha
 601-130-3K11 M 05:50P-06:50P 01/24-05/09
 M 06:50P-08:50P 01/24-05/09
 601-130-3K1A Th 09:10A-10:10A 01/20-05/05
 Th 10:10A-12:10P 01/20-05/05

601-116	Mechanical Fundamentals	3.00 CR
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\$392.19 PREREQUISITES: NONE
 Topics covered include learning the various types of piping and tubing used in air conditioning and refrigeration, types of fittings, bending, brazing and soft soldering tubing, black iron pipe work, sheet metal fundamentals, using hand tools, and the recognition and practice of safety procedures while working on air conditioning and refrigeration systems.

Kenosha
 601-116-3K11 M 04:45P-05:45P 01/24-05/09
 M 05:45P-09:45P 01/24-05/09

601-133	Refrigeration Fundamentals	3.00 CR
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\$392.19 PREREQUISITES: NONE
 Topics include refrigeration principles and terms, thermodynamic processes, refrigerants, vapor compression cycles, mechanical refrigeration system components, use of electrical controls, refrigeration applications and refrigeration tools and materials.

Kenosha
 601-133-3K1A T 09:10A-11:10A 01/25-05/10
 T 11:10A-01:10P 01/25-05/10

601-111 Workplace Fundamentals 1.00 CR

\$130.73 PREREQUISITES: NONE

This course will introduce the student to the diverse mechanical skills required in today's workplace environment. The student will demonstrate, through practical hands-on lab exercises, skills in complying with Lock-out/Tag-out procedures and the proper care and use of common hand and power tools. General drilling, tapping, threading, and aligning will all be covered. The student will also be required to use test instruments to gather data on length, volume, area, depth, and dimensions and use electrical meters on power circuits.

Kenosha

601-111-3K11	W	05:50P-08:50P	02/23-05/04
601-111-3K1A	T	09:10A-12:10P	01/25-04/12

Alcohol & Other Drug Abuse

550-130 Alcohol/Drug Abuse Rehabilitation 3.00 CR

\$347.44 PREREQUISITES: NONE

This course is designed to offer the fundamental knowledge base for the drug and alcoholic field. Emphasis is on pharmacology, dual diagnosis counseling, self-help groups, levels of care, symptom identification and assessments. Through the use of case studies, worksheets and role-play, the student will integrate knowledge and skills in these areas.

Racine

550-130-3R11	M	04:45P-08:45P	01/24-05/09
550-130-3R1A	MW	12:25P-02:25P	01/19-05/09

Off Campus

550-130-3W7A	INET	TBA	TBA-TBA	01/19-05/10
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Additional fees apply to this class — cost is \$377.44

550-154 Family and Chemical Abuse 3.00 CR

\$347.44 PREREQUISITES: NONE

A comprehensive study of the problems associated with chemical abuse within the family. Course focus is on the psychological and physiological trauma as well as methods of motivation toward recovery.

Racine

550-154-3R1A	F	12:25P-04:25P	01/21-05/06
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Off Campus

550-154-3W7A	INET	TBA	TBA-TBA	01/19-05/10
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Additional fees apply to this class — cost is \$377.44

550-156 Mental Health/Substance Abuse 3.00 CR

\$347.44 PREREQUISITES: NONE

Diagnose dual disabilities of substance abuse and mental illness disorders. The impact of dual disability on assessment and treatment.

Racine

550-156-3R11	W	09:10A-12:10P	01/19-05/04
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Off Campus

550-156-3W7A	INET	TBA	TBA-TBA	01/19-05/10
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Additional fees apply to this class — cost is \$377.44

550-150 Psychopharmacology 3.00 CR

\$347.44 PREREQUISITES: NONE

This course is designed to provide an overview of the psychopharmacology of therapeutic drugs, over-the-counter drugs, illicit drugs, alcohol, nicotine and caffeine. Emphasis will be on the nervous system structure, brain function, site of action theory and on comprehending the effects of substances on these systems. Interactions, withdrawal, maternal and fetal effects will be addressed, as well as terminology and drug regulations.

Racine

550-150-3R11	W	05:50P-08:50P	01/19-05/04
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Off Campus

550-150-3W7A	INET	TBA	TBA-TBA	01/19-05/10
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Additional fees apply to this class — cost is \$377.44

Architectural Technology

614-115 Architectural Drafting/Commercial 3.00 CR

\$362.94 PREREQUISITES: 614-110 Architectural Drafting/Residential
COREQUISITES: 614-114 Commercial Code

Using the applicable codes, students will develop a complete set of working drawings and specifications for a six story multiple-use commercial building.

CATI

614-115-3C11	ST,IPVID	M	07:00P-10:00P	01/24-05/10
		T	08:00P-10:00P	01/24-05/10

Elkhorn

614-115-3E21	ST,IPVID	M	07:00P-10:00P	01/24-05/10
		T	08:00P-10:00P	01/24-05/10

This class is taught using the NODAL system by an instructor on a remote campus.

Off Campus

614-115-3Y21	ST,IPVID	M	07:00P-10:00P	01/24-05/10
		T	08:00P-10:00P	01/24-05/10

This class is taught using the NODAL system by an instructor on a remote campus.

614-114 Commercial Code 2.00 CR

\$241.96 PREREQUISITES: NONE

COREQUISITES: 614-115 Architectural Drafting/Commercial

Study of the Wisconsin Commercial Code is emphasized in this course. Students will complete projects that demonstrate an understanding of the code.

CATI

614-114-3C11	ST,IPVID	M	05:00P-07:00P	01/24-05/09
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Elkhorn

614-114-3E21	ST,IPVID	M	05:00P-07:00P	01/24-05/09
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This class is taught using the NODAL system by an instructor on a remote campus.

Off Campus

614-114-3Y21	ST,IPVID	M	05:00P-07:00P	01/24-05/09
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This class is taught using the NODAL system by an instructor on a remote campus.

Automated Manufacturing

628-108 Auto Manufacturing Systems Technology Field Experience 2.00 CR

\$232.96 Instructor consent required

PREREQUISITES: 620-110 Robotics Mechanics I

Provides the student with an opportunity to apply the technologies learned in earlier class work while experiencing actual work assignments.

Lakeview Advanced Tech. Center

628-108-3L61	SP	MTWTh	03:30P-09:00P	01/19-05/10
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This course is offered on an open entry self-paced schedule. Each student will meet with the instructor to establish a schedule.

Elkhorn

628-108-3E6A	SP	MW	03:00P-08:00P	01/19-05/09
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628-100 Automated Manufacturing Concepts/Intro 2.00 CR

S235.46 PREREQUISITES: NONE

An introduction to manufacturing processes with emphasis on manual machining to prepare students for further study in the Automated Manufacturing fields. Covers shop safety practices in a machine shop, the use of manual milling machines, lathes and drill presses to manufacture parts to print, and the use of basic metrology instruments to determine if the parts are to print. Calculation and application of correct cutting parameters of selected materials and tools is practiced.

Lakeview Advanced Tech. Center

628-100-3L61 SP MTWTh 03:30P-09:00P 01/19-05/10

This course is offered on an open entry self-paced schedule. Each student will meet with the instructor to establish a schedule.

Elkhorn

628-100-3E11 Th 06:00P-10:00P 01/20-05/05

628-100-3E6A SP MW 03:00P-08:00P 01/19-05/09

628-110 CNC/CAM Programming 3.00 CR

S353.19 PREREQUISITES: NONE

This course is a study of computer assisted programming for computer numerical control (CNC) machine tools. The student will use a microcomputer CAD/CAM system for program creation, editing, and verification. Students will use CAM systems and conversational machine tool languages to verify parts.

Lakeview Advanced Tech. Center

628-110-3L61 SP MTWTh 03:30P-09:00P 01/19-05/10

This course is offered on an open entry self-paced schedule. Each student will meet with the instructor to establish a schedule.

Elkhorn

628-110-3E6A SP MW 03:00P-08:00P 01/19-05/09

628-112 Computer Aided Manufacturing, Advanced 3.00 CR

S353.19 PREREQUISITES: NONE

This course is an introduction to computer integrated manufacturing (CIM). The students will use microcomputers to write, edit, and verify programs for conversational controls and a CIM system.

Lakeview Advanced Tech. Center

628-112-3L61 SP MTWTh 03:30P-09:00P 01/19-05/10

This course is offered on an open entry self-paced schedule. Each student will meet with the instructor to establish a schedule.

Elkhorn

628-112-3E6A SP MW 03:00P-08:00P 01/19-05/09

628-111 Computer Assisted Programming/Robotics and FMS 3.00 CR

S353.19 PREREQUISITES: NONE

This course is a study of computer assisted programming for robotics and Flexible Manufacturing Systems (FMS). Students will use microcomputers to program robots and a CAD/CAM system for program creation, editing, verification, and interfacing. The student will interface the CNC program with the program.

Lakeview Advanced Tech. Center

628-111-3L61 SP MTWTh 03:30P-09:00P 01/19-05/10

This course is offered on an open entry self-paced schedule. Each student will meet with the instructor to establish a schedule.

Elkhorn

628-111-3E6A SP MW 03:00P-08:00P 01/19-05/09

628-109 Mechanical Skills for Technicians 3.00 CR

S353.19 PREREQUISITES: NONE

This course covers the basic mechanical skills needed by a technician. Skills covered include the use and care of hand tools and small power tools, drilling, tapping, removal of broken bolts, studs, and helicoil insertion. Basic measuring tools and techniques are also covered. Other topics include type and use of fasteners, lubricants and adhesives used in repair, and assembly of automated machines.

Lakeview Advanced Tech. Center

628-109-3L61 SP MTWTh 03:30P-09:00P 01/19-05/10

This course is offered on an open entry self-paced schedule. Each student will meet with the instructor to establish a schedule.

Racine

628-109-3R11 Th 04:45P-09:45P 01/20-05/05

Elkhorn

628-109-3E6A SP MW 03:00P-08:00P 01/19-05/09

628-125 Quality for Automated Manufacturing 3.00 CR

S353.19 PREREQUISITES: NONE

This course will be heavy hands-on lab work using different measuring tools such as scales, calipers, micrometers, bore gauges, gauge blocks and height gauges. Automated gauging concepts will be covered with hands on experience along with theory based information. The major areas of Statistical Process Control will be covered. The symbols and basic understanding of Geometric Dimensioning and Tolerancing will also be covered.

Elkhorn

628-125-3E6A SP MW 03:00P-08:00P 01/19-05/09

Automotive Technology

602-174 Auto Advanced Powertrain Controls 2.00 CR

S1,608.24 PREREQUISITES: 602-156 Auto Instrumentation and Testing

This course covers theory & operation of computerized vehicle controls systems, including powertrain management, braking systems, and active suspension controls.

Horizon Center

602-174-3H1A MTW 07:00A-11:30A 02/28-03/29

602-172 Auto Chassis Dynamics 2.00 CR

S254.96 PREREQUISITES: 602-189 Auto Brakes and 602-146 Auto Steering & Suspension and 602-156 Auto Instrumentation and Testing

This course covers theory and operation of computerized vehicle controls systems, including powertrain management, braking systems, and active suspension controls.

Horizon Center

602-172-3H1A WThF 08:00A-01:00P 04/20-05/06

602-177 Auto Engine Major 3.00 CR

S382.44 PREREQUISITES: 602-152 Auto Engine Minor

This course covers the operation, construction, testing, and overhaul of automotive gasoline internal combustion engines. The areas that will be covered are engine design, diagnosis, disassembly, inspection, machining, and reassembly. Preparedness for the ASE (Automotive Service Excellence) exam is emphasized.

Horizon Center

602-177-3K1A MTW 07:00A-11:45A 01/19-02/23

602-159 Auto Engine Performance 3.00 CR

S382.44 PREREQUISITES: 602-142 Auto Electrical Systems

COREQUISITES: 602-188 Auto Service Simulation II

This course covers the ignition system theory, diagnosis, and repair. It also gives an introduction to computerized engine control systems. The student will learn about

input and output devices and computer self-diagnosis. Preparedness for the ASE (Automotive Service Excellence) exam is emphasized.

Horizon Center

602-159-3H1A WThF 08:00A-01:00P 01/19-02/11

602-156 Auto Instrumentation and Testing 3.00 CR

\$382.44 PREREQUISITES: 602-159 Auto Engine Performance

This course covers the operation of diagnostic test equipment, including lab scope, scan tool, and dynamometer, and utilizes skills learned in Auto Engine Performance 1 and 2. Preparedness for the ASE (Automotive Service Excellence) exam is emphasized.

Horizon Center

602-156-3H1A WThF 08:00A-01:00P 02/16-03/11

602-121 Auto Instrumentation and Testing 4.00 CR

\$1,804.92 PREREQUISITES: 602-197 Engine Performance 1

This course will develop the individual and technical skills required to perform advanced automotive diagnostics. Analytical skills will be developed and practiced to enable the technician to develop troubleshooting techniques. The basic theory and operation of diagnostic test equipment such as lab scopes and scan tools, will be covered including their application in the performance of field diagnostics.

Horizon Center

602-121-3H11 MTWTh 05:00P-10:00P 02/08-02/28

602-122 Auto IT for Transportation 2.00 CR

\$254.96 PREREQUISITES: NONE

Modern vehicles use on-board computers to control just about every function from accident avoidance to video navigation. Communication between computers is handled over sophisticated networks. The modern toolbox is not only filled with computer-based tools it is likely to have a PC on it or in it and is likely to be networked to the rest of the shop and the internet. Today's automotive technician needs a thorough understanding of PC's, networks, synchronizing PDAs and operating systems. This course covers IT topics the modern technician is likely to encounter such as hardware and software installations, implementing a peer-to-peer network, and troubleshooting hardware, software, and network failures.

Horizon Center

602-122-3H1A MW 07:00A-09:30A 01/19-02/08

TTh 07:00A-12:00P 01/19-02/08

602-122-3H1B MW 07:00A-09:30A 01/19-02/07

MW 09:45A-12:15P 01/19-02/07

F 07:00A-12:00P 01/19-02/07

602-107 Auto Service Fundamentals 2.00 CR

\$589.37 PREREQUISITES: 602-122 Auto IT for Transportation

This automotive course focuses on developing skills in professionalism, safety and the use of basic hand and power tools in accordance with industry standards. Students are introduced to the automotive service industry and learn to use both comprehensive and manufacturer's service information to perform basic under-hood and under-car services.

Horizon Center

602-107-3H1A MW 07:00A-09:30A 02/09-03/03

TTh 07:00A-12:00P 02/09-03/03

602-107-3H1B MW 07:00A-09:30A 02/09-02/28

MW 09:45A-12:15P 02/09-02/28

F 07:00A-12:00P 02/09-02/28

602-187 Auto Service Simulation III 2.00 CR

\$254.96 PREREQUISITES: 602-156 Auto Instrumentation and Testing and 602-159 Auto Engine Performance

COREQUISITES: 801-136 English Composition 1

This course will allow the student to perform acquired skills in the areas of electrical systems, computerized electronic systems, computerized fuel delivery and mixing systems, and emissions systems. The affected repairs are to be done on customer vehicles, simulating a shop environment. A strong emphasis will be placed on customer relations and communications. Preparedness for the ASE (Automotive Service Excellence) exam is emphasized.

Horizon Center

602-187-3H1A WThF 08:00A-01:00P 03/23-04/15

602-178 Auto Service Simulation IV 3.00 CR

\$3,485.47 PREREQUISITES: 602-172 Auto Chassis Dynamics and 602-174 Auto Advanced Powertrain Controls

COREQUISITES: 801-197 Technical Reporting

This course will allow the student to perform acquired skills in the areas of engine repair, brakes, steering and suspension, electrical/electronic systems, heating, ventilation and air conditioning, and engine performance. The affected repairs are to be done on customer vehicles, simulating a shop environment. A strong emphasis will be placed on customer relations and communications. Preparedness for the ASE (Automotive Service Excellence) exam is emphasized.

Horizon Center

602-178-3H1A MTW 07:00A-12:00P 03/30-05/10

602-104 Brake Systems 3.00 CR

\$382.44 PREREQUISITES: 602-107 Auto Service Fundamentals

This automotive course focuses on developing the skills needed to diagnose, service and repair vehicle braking systems with an introduction to ABS. (ABS diagnosis, service and repair will be addressed in the Advanced Chassis course.)

Horizon Center

602-104-3H1A MWF 07:00A-09:30A 03/04-04/06

MW 09:45A-01:30P 03/07-04/06

602-104-3H1B MWF 07:00A-09:30A 03/04-04/06

TTh 08:00A-11:45A 03/08-04/07

602-196 Climate Control Systems 3.00 CR

\$382.44 PREREQUISITES: 602-125 Electrical & Electronic Systems 1

This automotive course focuses on developing the skills needed to diagnose, service and repair climate control systems including heating, cooling, and air distribution. Upon successful completion of the Mobile Refrigerant Handling unit (ATCP-136), a state certificate will be issued.

Horizon Center

602-196-3H11 TWTh 12:25P-04:40P 02/03-03/09

602-125 Electrical & Electronic Systems 1 2.00 CR

\$232.96 PREREQUISITES: 602-107 Auto Service Fundamentals

COREQUISITES: 804-107 College Mathematics

This automotive course focuses on developing the skills needed to diagnose, service and repair electrical and electronic systems. Learners apply Ohm's Law to basic electrical circuit diagnosis.

Horizon Center

602-125-3H11 TWTh 12:25P-04:40P 01/19-02/02

602-127 Electrical & Electronic Systems 2 3.00 CR

\$382.44 PREREQUISITES: 602-107 Auto Service Fundamentals
COREQUISITES: 801-136 English Composition 1

This automotive course focuses on developing the skills needed to diagnose, service and repair electrical and electronic systems, including batteries, starting, charging, and lighting systems, and computer control systems.

Horizon Center

602-127-3H11 TWTh 12:25P-04:40P 03/22-04/20

602-128 Electrical & Electronic Systems 3 3.00 CR

\$382.44 PREREQUISITES: 606-127 CAD Intermediate

This automotive course focuses on developing the skills needed to diagnose, service and repair electrical and electronic systems including driver information, horn, wiper/washer, power accessories, cruise control, air bag, anti-theft and radio systems.

Horizon Center

602-128-3H11 MTWTh 05:00P-10:00P 03/02-03/29

602-197 Engine Performance 1 3.00 CR

\$382.44 PREREQUISITES: 602-103 Engine Repair 1 and 602-127 Electrical & Electronic Systems 2

This automotive course focuses on developing the skills needed to diagnose, service and repair powertrain control and ignition systems. Emphasis is placed on diagnostic procedures and the problem-solving techniques associated with automotive engine performance and drivability.

Horizon Center

602-197-3H11 MTWTh 05:00P-10:00P 01/19-02/07

602-103 Engine Repair 1 2.00 CR

\$254.96 PREREQUISITES: 602-127 Electrical & Electronic Systems 2

This automotive course focuses on developing the skills needed to diagnose, service and repair internal combustion engines. Emphasis is placed on in-vehicle repairs including engine cooling and lubrication systems.

Horizon Center

602-103-3H11 TWTh 12:25P-04:55P 04/21-05/05

602-149 Manual Drive Train and Axles 4.00 CR

\$509.92 PREREQUISITES: 602-127 Electrical & Electronic Systems 2

This automotive course focuses on developing the skills needed to diagnose, service and repair clutches, manual transmissions/transaxle, differentials, four wheel drive/all wheel drive, and drive axles.

Horizon Center

602-149-3H11 MTWTh 05:00P-10:00P 03/30-04/28

602-124 Steering & Suspension Systems 3.00 CR

\$382.44 PREREQUISITES: 602-107 Auto Service Fundamentals

This automotive course focuses on developing the skills needed to diagnose, service and repair steering and suspension systems including wheel alignment procedures.

Horizon Center

602-124-3H1A MWF 07:00A-09:30A 04/11-05/06

MW 09:45A-01:30P 04/11-05/06

602-124-3H1B MWF 07:00A-09:30A 04/11-05/06

TTh 08:00A-11:45A 04/11-05/06

Building Service

443-101 Forklift Operation and Maintenance 1.00 CR

\$118.48 PREREQUISITES: NONE

This course is intended to prevent accidents, injuries, and fatalities that may be caused by the improper and unsafe use of forklifts. The course will cover pre-operation,

operation, and load handling by means of presentations and hands-on training. Course participants will earn certification after passing a driving test on a forklift.

Kenosha

443-101-3K1A Th 09:10A-02:10P 01/27-02/10

443-101-3K1B Th 09:10A-02:10P 02/24-03/10

Business Administration

102-138 BIZ Internship 3.00 CR

\$347.44 Instructor consent required

PREREQUISITES: NONE

This course establishes an opportunity for the students to apply training and skills learned while participating on a multidisciplinary consulting team. The team will develop a strategic plan for a specified business. Students contract with the business and an MBA consultant to complete a project to the parameters mutually identified by the business and the MBA consultant. Evaluation of the student's performance will be a cooperative effort between the MBA Consultant and the Instructor(s).

Racine

102-138-3R11 T 06:00P-09:00P 01/25-05/10

Elkhorn

102-138-3E11 W 06:00P-09:00P 02/02-05/04

102-160 Business Law 3.00 CR

\$347.44 PREREQUISITES: NONE

Business Law is a survey course which introduces the student to relevant legal issues that affect business today. Students will learn the fundamentals of law from the U.S. Constitution to the Uniform Commercial Code, from Contract Law to Property Law, and will be able to identify the legal basis of various business activities.

Kenosha

102-160-3K11 T 06:00P-09:00P 01/25-05/10

Racine

102-160-3R11 Th 05:50P-08:50P 01/20-05/05

Elkhorn

102-160-3E1A AC T 04:45P-07:45P 03/29-05/10

Off Campus

102-160-3W7A INET TBA TBA-TBA 01/25-05/10

Additional fees apply to this class—cost is \$377.44

102-160-3W7B INET TBA TBA-TBA 01/25-05/10

Additional fees apply to this class—cost is \$377.44

102-186 Business Management Internship 3.00 CR

\$347.44 Instructor consent required

PREREQUISITES: NONE

Establishes an opportunity for the student to apply training and skills in a business work environment. The student will spend 144 hours at the worksite(s). The worksite activities will allow the student to interact with a variety of management functions found in small to medium sized businesses. Classroom hours will include preparation of job portfolio materials and interview techniques.

Kenosha

102-186-3K1A F 12:25P-03:30P 01/21-05/06

Elkhorn

102-186-3E11 M 05:50P-08:50P 01/25-05/10

102-137 Business/Introduction to 3.00 CR

\$377.44 PREREQUISITES: NONE

General orientation to the business world. Studies include organization and administration, production, labor and personnel, accounting and statistics, distribution, finance, and the relationship of business to society.

Off Campus

102-137-3W7A	INET	TBA	TBA-TBA	01/25-05/10
See below for additional course information.*				
102-137-3W7B	INET	TBA	TBA-TBA	01/25-05/10
See below for additional course information.*				

*Additional fees apply to this class — cost is \$377.44. This Internet course requires a computer with access to the Internet, access to the World Wide Web, an e-mail account, and Microsoft Word. You will be contacted by the instructor via regular and/or e-mail prior to the first class of the semester with directions on how to access the course. If there are any questions pertaining to the course, please direct them to Mike Vernezze at: vernezze@gtc.edu

102-122 Investments 3.00 CR

\$377.44 PREREQUISITES: NONE

This course acquaints the student with the fundamentals of investments. Topics include the operation of the securities and financial markets and the risk and timing of investment decisions. Analysis factors such as the investment environment, the economy, the industry and the individual company are discussed in terms of equity, fixed income and specialized security analysis. Investment strategies are utilized to develop an investment plan and diversified portfolio. Other individual projects include mutual fund and stock selection and analysis.

Off Campus

102-122-3W7A	INET	TBA	TBA-TBA	01/19-05/04
See below for additional course information.*				
102-122-3W7B	INET	TBA	TBA-TBA	01/19-05/04
See below for additional course information.*				
102-122-3W7C	INET	TBA	TBA-TBA	01/19-05/04
See below for additional course information.*				

*Additional fees apply to this class — cost is \$377.44. On the first day of class, Wednesday, January 19, 2011, you should log onto Blackboard at <http://gtc.blackboard.com>

Civil Engineering Technology

607-124 AutoCAD Applications for Civil Technicians 4.00 CR

\$483.92 PREREQUISITES: 607-170 AutoCAD for Construction Sciences

This course furthers the application of CAD techniques already developed...expanding into three dimensional design and analysis. Students learn how to develop a Digital Terrain Model (DTM) based on survey shots, produce existing contours, cut existing profiles and cross sections. Students also learn how to develop three dimensional objects and develop 3-D animated walk thru(s) for visual presentation of student designs...including developing 3-D animated walk- thru(s) of DTM's obtained from field surveys.

CATI

607-124-3C1A	ST,IPVID	TTh	01:30P-04:30P	01/20-05/10
607-124-3CM1	ST,IPVID,BLND	Th	06:00P-10:00P	01/20-05/05

Elkhorn

607-124-3E21	ST,IPVID	Th	06:00P-10:00P	01/20-05/05
This class is taught using the NODAL system by an instructor on a remote campus.				
607-124-3E2A	ST,IPVID	TTh	01:30P-04:30P	01/20-05/10
This class is taught using the NODAL system by an instructor on a remote campus.				

Off Campus

607-124-3Y21	ST,IPVID	Th	06:00P-10:00P	01/20-05/05
This class is taught using the NODAL system by an instructor on a remote campus.				

607-124-3Y2A	ST,IPVID	TTh	01:30P-04:30P	01/20-05/10
This class is taught using the NODAL system by an instructor on a remote campus.				

607-170 AutoCAD for Construction Sciences 2.00 CR

\$241.96 PREREQUISITES: NONE

This course is a basic introductory course on the functions of AutoCAD within the various fields of construction sciences. Students develop their CAD skills while working on various real world projects that relate to construction sciences (buildings, roadways, earthwork, soil borings, construction details, etc.)

CATI

607-170-3C1A	ST,IPVID	M	01:30P-04:30P	01/24-05/09
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Elkhorn

607-170-3E2A	ST,IPVID	M	01:30P-04:30P	01/24-05/09
This class is taught using the NODAL system by an instructor on a remote campus.				

Off Campus

607-170-3Y2A	ST,IPVID	M	01:30P-04:30P	01/24-05/09
This class is taught using the NODAL system by an instructor on a remote campus.				

607-108 Boundary Location and Research 3.00 CR

\$362.94 PREREQUISITES: 607-173 Land Surveying Fundamentals

The principles and practices for boundary location and research are presented in this course. The public land system will be covered in detail along with the principles for performing surveys.

CATI

607-108-3C91	ST,IPVID	S	11:30A-04:30P	01/22-05/07
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Elkhorn

607-108-3E21	ST,IPVID	S	11:30A-04:30P	01/22-05/07
This class is taught using the NODAL system by an instructor on a remote campus.				

Off Campus

607-108-3Y21	ST,IPVID	S	11:30A-04:30P	01/22-05/07
This class is taught using the NODAL system by an instructor on a remote campus.				

607-106 Building Materials 2.00 CR

\$241.96 PREREQUISITES: NONE

COREQUISITES: 607-107 Construction Methods

This course covers an introduction into common building materials within construction, including soils, aggregates, pipes, cement, concrete, asphalt, steel, wood, masonry, residential and commercial building materials. covered.

CATI

607-106-3C1A	ST,IPVID	T	01:30P-04:30P	01/25-05/10
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Elkhorn

607-106-3E2A	ST,IPVID	T	01:30P-04:30P	01/25-05/10
This class is taught using the NODAL system by an instructor on a remote campus.				

Off Campus

607-106-3Y2A	ST,IPVID	T	01:30P-04:30P	01/25-05/10
This class is taught using the NODAL system by an instructor on a remote campus.				

607-119 Civil Technology Internship 1.00 CR

S118.48 PREREQUISITES: NONE

Satisfactory completion of at least 80 hours of relevant work experience in the field approved by the head instructor and documented by the employer.

CATI607-119-3C11 DS,ST,IPVID F 12:25P-01:25P 01/21-05/06
Meet with instructor to arrange times.**Elkhorn**607-119-3E21 DS,ST,IPVID F 12:25P-01:25P 01/21-05/06
Meet with instructor to arrange times.**Off Campus**607-119-3Y21 DS,ST,IPVID F 12:25P-01:25P 01/21-05/06
Meet with instructor to arrange times.

**607-102 Conflict Resolution in Engineering/
Construction 2.00 CR**

S241.96 PREREQUISITES: NONE

This course is designed to teach students how to better handle and attempt to defuse various confrontational situations in the workplace and on the job site.

CATI607-102-3C11 F 04:45P-07:45P 01/21-05/06
This class is currently only offered at CATI, and not Nodally.607-102-3C1A F 01:30P-04:30P 01/21-05/06
This class is currently only offered at CATI, and not Nodally.

607-128 Construction Estimating 3.00 CR

S362.94 PREREQUISITES: 607-106 Building Materials and 607-107 Construction Methods

Students will learn the preparation of cost estimates for materials, labor, and equipment in building construction relative to major components of the construction process. Time and money components are also addressed in both a unit production and a project evaluation using the critical path method.

CATI607-128-3C11 ST,IPVID MW 05:00P-07:00P 01/19-05/09
607-128-3C1A ST,IPVID MW 02:35P-04:35P 01/19-05/09**Elkhorn**607-128-3E21 ST,IPVID MW 05:00P-07:00P 01/19-05/09
This class is taught using the NODAL system by an instructor on a remote campus.607-128-3E2A ST,IPVID MW 02:35P-04:35P 01/19-05/09
This class is taught using the NODAL system by an instructor on a remote campus.**Off Campus**607-128-3Y21 ST,IPVID MW 05:00P-07:00P 01/19-05/09
This class is taught using the NODAL system by an instructor on a remote campus.607-128-3Y2A ST,IPVID MW 02:35P-04:35P 01/19-05/09
This class is taught using the NODAL system by an instructor on a remote campus.

607-107 Construction Methods 2.00 CR

S241.96 PREREQUISITES: NONE

COREQUISITES: 607-106 Building Materials

This course covers an introduction into common methods of construction within Civil Engineering, including methods of construction regarding soils, aggregates, pipes, concrete, asphalt, steel, wood, masonry, residential and commercial building materials.

CATI

607-107-3C1A ST,IPVID Th 01:30P-04:30P 01/20-05/05

Elkhorn607-107-3E2A ST,IPVID Th 01:30P-04:30P 01/20-05/05
This class is taught using the NODAL system by an instructor on a remote campus.**Off Campus**607-107-3Y2A ST,IPVID Th 01:30P-04:30P 01/20-05/05
This class is taught using the NODAL system by an instructor on a remote campus.

607-136 Construction Project Management 2.00 CR

S241.96 PREREQUISITES: NONE

This course is designed to expose students to construction project management and introduce tools to effectively manage construction projects.

CATI607-136-3C11 ST,IPVID W 07:00P-10:00P 01/19-05/04
607-136-3C1A ST,IPVID TTh 11:20A-12:50P 01/20-05/10**Elkhorn**607-136-3E21 ST,IPVID W 07:00P-10:00P 01/19-05/04
This class is taught using the NODAL system by an instructor on a remote campus.607-136-3E2A ST,IPVID TTh 11:20A-12:50P 01/20-05/10
This class is taught using the NODAL system by an instructor on a remote campus.**Off Campus**607-136-3Y21 ST,IPVID W 07:00P-10:00P 01/19-05/04
This class is taught using the NODAL system by an instructor on a remote campus.607-136-3Y2A ST,IPVID TTh 11:20A-12:50P 01/20-05/10
This class is taught using the NODAL system by an instructor on a remote campus.

**607-152 Elements of Inspections, Contracts,
and Specifications 3.00 CR**

S362.94 PREREQUISITES: NONE

Using Wisconsin Department of Transportation's Construction Specification Manual and various other project specific specifications, students will learn the principles and basic techniques of highway and municipal inspection.

CATI

607-152-3C11 ST,IPVID M 05:00P-10:00P 01/24-05/09

Elkhorn607-152-3E21 ST,IPVID M 05:00P-10:00P 01/24-05/09
This class is taught using the NODAL system by an instructor on a remote campus.**Off Campus**607-152-3Y21 ST,IPVID M 05:00P-10:00P 01/24-05/09
This class is taught using the NODAL system by an instructor on a remote campus.

607-161 Legal Aspects of Land Surveying 2.00 CR

S232.96 PREREQUISITES: NONE

COREQUISITES: 607-108 Boundary Location and Research

This course covers the legal concepts and doctrines related to land, land ownership, duties and responsibilities of surveyors, and Wisconsin statutes and local codes.

CATI

607-161-3C11 ST,IPVID F 05:00P-07:00P 01/21-05/06

Elkhorn

607-161-3E21 ST,IPVID F 05:00P-07:00P 01/21-05/06
This class is taught using the NODAL system by an instructor on a remote campus.

Off Campus

607-161-3Y21 ST,IPVID F 05:00P-07:00P 01/21-05/06
This class is taught using the NODAL system by an instructor on a remote campus.

607-162 Materials Testing 2.00 CR

S241.96 PREREQUISITES: 607-106 Building Materials and 607-107 Construction Methods

The testing of materials used in various fields of construction. The principle means of performing destructive and nondestructive tests are shown, then performed. Results are analyzed.

CATI

607-162-3C1A F 09:00A-12:00P 01/21-05/06
This class only meets at CATI, however numerous off-campus site visits will be conducted.

607-135 Reinforced Concrete - Design & Detailing 2.00 CR

S241.96 PREREQUISITES: 607-132 Structural Mechanics - Civil Engineering
This course is designed so that students will understand the design and detail of structures using reinforced concrete, including simple beams, cantilevers, retaining walls, and axially loaded columns.

CATI

607-135-3C11 ST,IPVID Th 06:00P-09:00P 01/20-05/05

Elkhorn

607-135-3E21 ST,IPVID Th 06:00P-09:00P 01/20-05/05
This class is taught using the NODAL system by an instructor on a remote campus.

Off Campus

607-135-3Y21 ST,IPVID Th 06:00P-09:00P 01/20-05/05
This class is taught using the NODAL system by an instructor on a remote campus.

607-154 Sewer and Water Systems 2.00 CR

S232.96 PREREQUISITES: NONE
Using the latest hydraulic software, students will learn the basic applications of hydrology and hydraulics for various applications including run off calculations and design of culverts, storm sewers, detention basins, etc. Students will also be acquainted with the principles and software applications in designing water and sewer lines.

CATI

607-154-3C11 ST,IPVID W 07:00P-10:00P 01/19-05/04

Elkhorn

607-154-3E21 ST,IPVID W 07:00P-10:00P 01/19-05/04
This class is taught using the NODAL system by an instructor on a remote campus.

Off Campus

607-154-3Y21 ST,IPVID W 07:00P-10:00P 01/19-05/04
This class is taught using the NODAL system by an instructor on a remote campus.

607-132 Structural Mechanics - Civil Engineering 3.00 CR

S362.94 PREREQUISITES: 804-114 College Technical Math 1B
This course introduces students to the basic principles of structural mechanics (statics and strength of materials) and design, with special emphasis placed upon application

of these principles in the design and construction of commercial buildings. Detailed solutions to a number of problems in basic structural engineering are presented.

CATI

607-132-3C11 ST,IPVID T 06:00P-10:00P 01/25-05/10

607-132-3C1A ST,IPVID MW 11:20A-01:20P 01/19-05/09

Elkhorn

607-132-3E21 ST,IPVID T 06:00P-10:00P 01/25-05/10

This class is taught using the NODAL system by an instructor on a remote campus.

607-132-3E2A ST,IPVID MW 11:20A-01:20P 01/19-05/09

This class is taught using the NODAL system by an instructor on a remote campus.

Off Campus

607-132-3Y21 ST,IPVID T 06:00P-10:00P 01/25-05/10

This class is taught using the NODAL system by an instructor on a remote campus.

607-132-3Y2A ST,IPVID MW 11:20A-01:20P 01/19-05/09

This class is taught using the NODAL system by an instructor on a remote campus.

607-150 Survey Construction, Rte and Hwy 4.00 CR

S483.92 PREREQUISITES: 607-173 Land Surveying Fundamentals
Using Wisconsin Department of Transportation's Facility Design Manuals, students will learn the principles and designs of roadways...including horizontal/vertical curves, superelevations, pavement design, construction considerations, etc. Students will field survey an existing site and develop a preliminary plan set for a proposed roadway. The students will then stake out this proposed roadway.

CATI

607-150-3CM1 S 08:00A-11:00A 01/22-05/07

The Saturday class meets at CATI, the Highway portion is over the internet.

Computer Software

103-100 Internet/Introduction to 1.00 CR

S118.48 PREREQUISITES: NONE
Students learn to use the Internet effectively, to access the net through the World Wide Web browser and other useful tools, and to use the Internet's vast resources to complete a research project in a field of interest.

Kenosha

103-100-3K11 M 05:30P-08:55P 01/24-03/07

103-100-3K9A S 09:10A-12:35P 03/26-05/07

Racine

103-100-3R21 ST T 05:30P-07:00P 01/25-05/10

103-100-3R2A ST T 01:30P-03:00P 01/25-05/10

Elkhorn

103-100-3E21 ST W 05:50P-07:50P 02/02-04/27

Off Campus

103-100-3W7A INET TBA TBA-TBA 01/19-05/10

Additional fees apply to this class — cost is \$128.48. Additional fees apply to this course. Internet courses require a computer with access to the Internet, browser software (for PCs - Netscape Communicator 7.1, Internet Explorer 6.0 or later, or Mozilla Firefox 1.0x or better), and an active e-mail account. Computer labs are available on campus for you to complete this course. On the first day of class you should log into Blackboard at <http://gtc.blackboard.com>. If you have never used Blackboard at Gateway

before, please contact Student Services to obtain a password. Students taking online courses must be familiar with using a mouse, able to save and open files, send e-mails, and use the Internet. Specific hardware and software necessary are Windows XP or newer and Microsoft Office 2007 suite.

103-105 Microsoft Access 1.00 CR

S118.48 PREREQUISITES: NONE

For beginning-level users of Microsoft Access. Students will discuss basic database terminology and design concepts; create and modify table structures; add, change, and delete records; and create simple selection queries to find, display, and print records.

Kenosha

103-105-3K1A M 10:15A-01:05P 03/07-05/09

Off Campus

103-105-3W7A INET TBA TBA-TBA 01/19-05/10

Additional fees apply to this class — cost is \$128.48. Additional fees apply to this course. Internet courses require a computer with access to the Internet, browser software (for PCs - Netscape Communicator 7.1, Internet Explorer 6.0 or later, or Mozilla Firefox 1.0x or better), and an active e-mail account. Computer labs are available on campus for you to complete this course. On the first day of class you should log into Blackboard at <http://gtc.blackboard.com>. If you have never used Blackboard at Gateway before, please contact Student Services to obtain a password. Students taking online courses must be familiar with using a mouse, able to save and open files, send e-mails, and use the Internet. Specific hardware and software necessary are Windows XP or newer and Microsoft Office 2007 suite.

103-102 Microsoft Excel 1.00 CR

S118.48 PREREQUISITES: NONE

Introduction to Excel spreadsheet software. Students will learn how to create, store, retrieve and edit a variety of spreadsheets and charts, format worksheets and use formulas. Basic functions will be stressed.

Kenosha

103-102-3K1A Th 01:30P-04:20P 01/20-03/10

103-102-3KM1 BLND T 05:30P-07:05P 03/22-05/03

This blended class requires substantial online work in addition to the face-to-face class times shown in the schedule.

Off Campus

103-102-3W7A INET TBA TBA-TBA 01/19-05/10

Additional fees apply to this class — cost is \$128.48. Additional fees apply to this course. Internet courses require a computer with access to the Internet, browser software (for PCs - Netscape Communicator 7.1, Internet Explorer 6.0 or later, or Mozilla Firefox 1.0x or better), and an active e-mail account. Computer labs are available on campus for you to complete this course. On the first day of class you should log into Blackboard at <http://gtc.blackboard.com>. If you have never used Blackboard at Gateway before, please contact Student Services to obtain a password. Students taking online courses must be familiar with using a mouse, able to save and open files, send e-mails, and use the Internet. Specific hardware and software necessary are Windows XP or newer and Microsoft Office 2007 suite.

103-103 Microsoft Excel II 1.00 CR

S118.48 PREREQUISITES: NONE

This course will take students to the next level of competency in Excel. Topics covered include creating workbooks using templates, multiple sheets, 3-D references in formulas and linked workbooks, using database features of Excel, use copy, paste, paste special, and paste link features, and create charts using the Chart Wizard.

Kenosha

103-103-3K11 W 06:00P-09:25P 01/26-03/09

Off Campus

103-103-3W7A INET TBA TBA-TBA 01/19-05/10

Additional fees apply to this class — cost is \$128.48. Additional fees apply to this course. Internet courses require a computer with access to the Internet, browser software (for PCs - Netscape Communicator 7.1, Internet Explorer 6.0 or later, or Mozilla Firefox 1.0x or better), and an active e-mail account. Computer labs are available on campus for you to complete this course. On the first day of class you should log into Blackboard at <http://gtc.blackboard.com>. If you have never used Blackboard at Gateway before, please contact Student Services to obtain a password. Students taking online courses must be familiar with using a mouse, able to save and open files, send e-mails, and use the Internet. Specific hardware and software necessary are Windows XP or newer and Microsoft Office 2007 suite.

103-110 Microsoft PowerPoint 1.00 CR

S118.48 PREREQUISITES: NONE

This course will take the user of PowerPoint through the basic procedures necessary to create a presentation and related handout materials. The student will learn to use the wizards, toolbars, dialog boxes, menus, and various PowerPoint views to create a presentation.

Kenosha

103-110-3K11 Th 06:00P-09:25P 01/27-03/10

103-110-3K1A M 01:30P-04:55P 03/21-05/09

Racine

103-110-3R21 ST T 05:30P-07:00P 01/25-05/10

103-110-3R2A ST T 01:30P-03:00P 01/25-05/10

Elkhorn

103-110-3E1A W 11:20A-02:45P 03/23-05/04

103-110-3E21 ST W 05:50P-07:50P 02/02-04/27

Off Campus

103-110-3W7A INET TBA TBA-TBA 01/19-05/10

Additional fees apply to this class — cost is \$128.48. Additional fees apply to this course. Internet courses require a computer with access to the Internet, browser software (for PCs - Netscape Communicator 7.1, Internet Explorer 6.0 or later, or Mozilla Firefox 1.0x or better), and an active e-mail account. Computer labs are available on campus for you to complete this course. On the first day of class you should log into Blackboard at <http://gtc.blackboard.com>. If you have never used Blackboard at Gateway before, please contact Student Services to obtain a password. Students taking online courses must be familiar with using a mouse, able to save and open files, send e-mails, and use the Internet. Specific hardware and software necessary are Windows XP or newer and Microsoft Office 2007 suite.

103-111 Microsoft PowerPoint II 1.00 CR

\$118.48 PREREQUISITES: NONE

This course will take the user of PowerPoint presentation graphics to an advanced level of competency. Inserting graphics, clip art, and organizational charts are emphasized. Adding sound to the presentation is also covered.

Kenosha

103-111-3K11 W 06:00P-09:25P 03/23-05/04

Additional fees apply to this course. Internet courses require a computer with access to the Internet, browser software (for PCs - Netscape Communicator 7.1, Internet Explorer 6.0 or later, or Mozilla Firefox 1.0x or better), and an active e-mail account. Computer labs are available on campus for you to complete this course. On the first day of class you should log into Blackboard at <http://gtc.blackboard.com>. If you have never used Blackboard at Gateway before, please contact Student Services to obtain a password. Students taking online courses must be familiar with using a mouse, able to save and open files, send e-mails, and use the Internet. Specific hardware and software necessary are Windows XP or newer and Microsoft Office 2007 suite.

Off Campus

103-111-3W7A INET TBA TBA-TBA 01/19-05/10

Additional fees apply to this class — cost is \$128.48. Additional fees apply to this course. Internet courses require a computer with access to the Internet, browser software (for PCs - Netscape Communicator 7.1, Internet Explorer 6.0 or later, or Mozilla Firefox 1.0x or better), and an active e-mail account. Computer labs are available on campus for you to complete this course. On the first day of class you should log into Blackboard at <http://gtc.blackboard.com>. If you have never used Blackboard at Gateway before, please contact Student Services to obtain a password. Students taking online courses must be familiar with using a mouse, able to save and open files, send e-mails, and use the Internet. Specific hardware and software necessary are Windows XP or newer and Microsoft Office 2007 suite.

103-112 Microsoft Word 1.00 CR

\$118.48 PREREQUISITES: NONE

This course is designed to teach the participant the fundamentals of word processing with Microsoft Word. A variety of business documents will be created to familiarize the learner with various commands and features.

Kenosha

103-112-3K1A Th 08:05A-11:30A 03/24-05/05

Racine

103-112-3R21 ST T 05:30P-07:00P 01/25-05/10

103-112-3R2A ST T 01:30P-03:00P 01/25-05/10

Elkhorn

103-112-3E21 ST W 05:50P-07:50P 02/02-04/27

Off Campus

103-112-3W7A INET TBA TBA-TBA 01/19-05/10

Additional fees apply to this class — cost is \$128.48. Additional fees apply to this course. Internet courses require a computer with access to the Internet, browser software (for PCs - Netscape Communicator 7.1, Internet Explorer 6.0 or later, or Mozilla Firefox 1.0x or better), and an active e-mail account. Computer labs are available on campus for you to complete this course. On the first day of class you should log into Blackboard at <http://gtc.blackboard.com>. If you have never used Blackboard at Gateway before, please contact Student Services to obtain a password.

Students taking online courses must be familiar with using a mouse, able to save and open files, send e-mails, and use the Internet. Specific hardware and software necessary are Windows XP or newer and Microsoft Office 2007 suite.

103-113 Microsoft Word II 1.00 CR

\$128.48 PREREQUISITES: NONE

This course will cover multi-page documents, tables, columns, graphics and other desktop publishing features.

Off Campus

103-113-3W7A INET TBA TBA-TBA 01/19-05/10

Additional fees apply to this class — cost is \$128.48. Additional fees apply to this course. Internet courses require a computer with access to the Internet, browser software (for PCs - Netscape Communicator 7.1, Internet Explorer 6.0 or later, or Mozilla Firefox 1.0x or better), and an active e-mail account. Computer labs are available on campus for you to complete this course. On the first day of class you should log into Blackboard at <http://gtc.blackboard.com>. If you have never used Blackboard at Gateway before, please contact Student Services to obtain a password. Students taking online courses must be familiar with using a mouse, able to save and open files, send e-mails, and use the Internet. Specific hardware and software necessary are Windows XP or newer and Microsoft Office 2007 suite.

103-199 PC Basics/MS Office 3.00 CR

\$347.44 PREREQUISITES: NONE

This course introduces students to the use of a PC. Through hands-on practice, students will manage files, communicate using e-mail, access the Internet and learn ethical practices, use word processing, spreadsheet, and presentation software. Microsoft Office 2007 software is used throughout the course. Basic keyboarding skills are recommended. Student must have access to Microsoft Office 2007. No prior version of Microsoft Office will work with this offering.

Kenosha

103-199-3K12 T 05:50P-09:50P 01/25-05/10

103-199-3K13 W 05:50P-09:50P 01/19-05/04

103-199-3K14 Th 05:50P-09:50P 01/20-05/05

103-199-3K1A MW 10:15A-12:15P 01/19-05/09

103-199-3K1B MW 12:25P-02:25P 01/19-05/09

103-199-3K1C TTh 09:10A-11:10A 01/20-05/10

103-199-3K1D TTh 11:20A-01:20P 01/20-05/10

103-199-3K1E TTh 01:30P-03:30P 01/20-05/10

103-199-3K1F TTh 03:40P-05:40P 01/20-05/10

103-199-3KM1 BLND M 05:50P-07:50P 01/24-05/09

This blended class requires substantial online work in addition to the face-to-face class times shown in the schedule.

103-199-3KMA BLND M 02:35P-04:35P 01/24-05/09

This blended class requires substantial online work in addition to the face-to-face class times shown in the schedule.

103-199-3KMB BLND F 09:10A-11:10A 01/21-05/06

This blended class requires substantial online work in addition to the face-to-face class times shown in the schedule.

Racine

103-199-3R11 M 05:50P-09:50P 01/24-05/09

103-199-3R12 T 05:50P-09:50P 01/25-05/10

103-199-3R13 W 05:50P-09:50P 01/19-05/04

103-199-3R14 Th 05:50P-09:50P 01/20-05/05

103-199-3R1A MW 10:15A-12:15P 01/19-05/09

103-199-3R1B MW 12:25P-02:25P 01/19-05/09

103-199-3R1C	TTh	08:05A-10:05A	01/20-05/10
103-199-3R1D	TTh	10:15A-12:15P	01/20-05/10
103-199-3R1E	TTh	12:25P-02:25P	01/20-05/10
103-199-3R1F	F	08:05A-12:05P	01/21-05/06
103-199-3R9G	S	08:05A-12:05P	01/22-05/07

Elkhorn

103-199-3E11	W	04:45P-08:45P	01/19-05/04
103-199-3E1A	MW	01:30P-03:30P	01/19-05/09
103-199-3EMA	BLND Th	11:20A-01:20P	01/20-05/05

This blended class requires substantial online work in addition to the face-to-face class times shown in the schedule.

103-199-3EMB	BLND	F	09:10A-11:10A	01/21-05/06
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Burlington

103-199-3B1A	MW	01:30P-03:30P	01/19-05/09
103-199-3B1B	F	08:05A-12:05P	01/21-05/06

Off Campus

103-199-3W7A	INET	TBA	TBA-TBA	01/19-05/10
See below for additional course information.*				
103-199-3W7B	INET	TBA	TBA-TBA	01/19-05/10
See below for additional course information.*				
103-199-3W7C	INET	TBA	TBA-TBA	01/19-05/10
See below for additional course information.*				
103-199-3W7D	INET	TBA	TBA-TBA	01/19-05/10
See below for additional course information.*				
103-199-3W7E	INET	TBA	TBA-TBA	01/19-05/10
See below for additional course information.*				

*Additional fees apply to this class — cost is \$377.44. Additional fees apply to this course. Internet courses require a computer with access to the Internet, browser software (for PCs - Netscape Communicator 7.1, Internet Explorer 6.0 or later, or Mozilla Firefox 1.0x or better), and an active e-mail account. Computer labs are available on campus for you to complete this course. On the first day of class you should log into Blackboard at <http://gtc.blackboard.com>. If you have never used Blackboard at Gateway before, please contact Student Services to obtain a password. Students taking online courses must be familiar with using a mouse, able to save and open files, send e-mails, and use the Internet. Specific hardware and software necessary are Windows XP or newer and Microsoft Office 2007 suite.

103-109 Windows Operating Systems and Concepts 1.00 CR

S118.48 PREREQUISITES: NONE
This is the beginning course for students wishing to learn the Windows operating system. Creating and manipulating files and programs in this operating environment will be emphasized.

Kenosha				
103-109-3K11	M	05:30P-08:55P	03/21-05/09	

Racine

103-109-3R21	ST	T	05:30P-07:00P	01/25-05/10
103-109-3R2A	ST	T	01:30P-03:00P	01/25-05/10

Elkhorn

103-109-3E21	ST	W	05:50P-07:50P	02/02-04/27
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Off Campus

103-109-3W7A	INET	TBA	TBA-TBA	01/19-05/10
Additional fees apply to this class — cost is \$128.48. Additional fees apply to this course. Internet courses require a computer with access to the Internet, browser software (for PCs - Netscape Communicator 7.1, Internet Explorer 6.0 or later, or Mozilla Firefox 1.0x or better), and an active e-mail account. Computer labs are available on campus for you to complete this course. On				

the first day of class you should log into Blackboard at <http://gtc.blackboard.com>. If you have never used Blackboard at Gateway before, please contact Student Services to obtain a password. Students taking online courses must be familiar with using a mouse, able to save and open files, send e-mails, and use the Internet. Specific hardware and software necessary are Windows XP or newer and Microsoft Office 2007 suite.

Criminal Justice

504-138 Community Policing/Patrol Procedures 3.00 CR

\$347.44 PREREQUISITES: 504-121 Criminal Justice System/ Introduction to Students will explore evolving police strategies, activities, and attitudes that build effective law enforcement and community relationships and the use of problem-oriented policing.

Kenosha				
504-138-3K11	W	01:30P-04:30P	01/19-05/04	

504-144 Constitutional Law - 3.00 CR

\$347.44 PREREQUISITES: 504-149 Criminal Law
COREQUISITES: 504-148 Rules of Evidence
This course covers the structure of the criminal justice system, including criminal procedures. Students will learn the legal bases for law enforcement action such as arrest, use of force, and search and seizure, as well as the limits on law enforcement activity.

Kenosha				
504-144-3K11	M	05:50P-08:50P	01/24-05/09	
504-144-3K1A	W	09:10A-12:10P	01/19-05/04	

Elkhorn				
504-144-3E11	T	05:50P-08:50P	01/25-05/10	
504-144-3E1A	Th	09:10A-12:10P	01/20-05/05	

504-114 Criminal Investigation Theory 3.00 CR

\$401.94 PREREQUISITES: 504-149 Criminal Law and 504-121 Criminal Justice System/ Introduction to
COREQUISITES: 504-148 Rules of Evidence
Designed to demonstrate the basic principles of criminal investigation. The course will explore proper procedures utilized in the processing of crime scenes and the securing, recording, searching and recovery of evidence as utilized to further the investigative process.

Kenosha				
504-114-3K11	Th	12:25P-04:25P	01/20-05/05	
504-114-3K12	Th	05:50P-09:50P	01/20-05/05	

Elkhorn				
504-114-3E1A	M	12:25P-04:25P	01/24-05/09	

504-121 Criminal Justice System/ Introduction to 3.00 CR

\$347.44 PREREQUISITES: NONE
This course will show the various elements of the criminal justice system and how they relate, the role that law enforcement plays and the importance of professionalism in law enforcement.

Kenosha				
504-121-3K11	W	05:50P-08:50P	01/19-05/04	
504-121-3K1A	T	09:10A-12:10P	01/25-05/10	

Racine				
504-121-3R11	W	01:30P-04:30P	01/19-05/04	

Elkhorn				
504-121-3E11	T	01:30P-04:30P	01/25-05/10	
504-121-3E12	M	05:50P-08:50P	01/24-05/09	

504-149 Criminal Law 3.00 CR

S347.44 PREREQUISITES: NONE
Presents a detailed insight into the origins, nature and concept of various crimes. Philosophy of criminal law, historical sources and the common law, and present day practices employed by judicial processes in the United States -- with particular emphasis on the Wisconsin criminal code -- are addressed.

Kenosha			
504-149-3K11	Th	05:50P-08:50P	01/20-05/04
504-149-3K1A	T	09:10A-12:10P	01/25-05/10
Elkhorn			
504-149-3E11	M	05:50P-08:50P	01/24-05/09
Burlington			
504-149-3B1A	T	09:10A-12:10P	01/25-05/10

504-141 Interviews/ Interrogations/ Confessions 3.00 CR

S347.44 PREREQUISITES: NONE
Topics include purposes and objectives of a proper interview, mechanics of interviews, interrogations and confessions; importance of the fundamentals of report writing, methods and procedures for interviews and the securing of confessions in accordance with the rights of a citizen under the U.S. Constitution.

Kenosha			
504-141-3K11	Th	01:30P-04:30P	01/20-05/05
Racine			
504-141-3R11	Th	05:50P-08:50P	01/20-05/05
504-141-3R1A	W	09:10A-12:10P	01/19-05/04
Elkhorn			
504-141-3E11	Th	05:50P-08:50P	01/20-05/05
504-141-3E1A	W	09:10A-12:10P	01/19-05/04

504-123 Juvenile Law 3.00 CR

S347.44 PREREQUISITES: NONE
This course highlights psychological considerations of the juvenile development process, societal and family influences, patterns of normalcy versus delinquency, legal considerations, juvenile courts, detention, and police guidelines.

Kenosha			
504-123-3K1A	Th	09:10A-12:10P	01/20-05/05
Racine			
504-123-3R11	M	01:30P-04:30P	01/24-05/09
504-123-3R12	T	05:50P-08:50P	01/25-05/10
Elkhorn			
504-123-3E11	W	05:50P-08:50P	01/19-05/04
504-123-3E1A	T	09:10A-12:10P	01/25-05/10

504-140 Law Enforcement Report Writing 3.00 CR

S347.44 PREREQUISITES: 801-136 English Composition 1 and 504-149 Criminal Law
This course provides the student with the opportunity to write a wide variety of law enforcement reports to accurately and fairly convey necessary information for use by investigators, prosecutors, and the public.

Kenosha			
504-140-3K11	W	05:50P-08:50P	01/19-05/04
504-140-3K1A	Th	09:10A-12:10P	01/20-05/05
Racine			
504-140-3R1A	M	09:10A-12:10P	01/24-05/09
Elkhorn			
504-140-3E11	Th	01:30P-04:30P	01/20-05/05
504-140-3E12	W	05:50P-08:50P	01/19-05/04

504-117 Police Administration 3.00 CR

S347.44 PREREQUISITES: 504-121 Criminal Justice System/ Introduction to
Provides an understanding of contemporary police principles and a detailed study of accepted administrative methods. Management problems acquaint the student with the why of methodology issues.

Kenosha			
504-117-3K11	M	05:50P-08:50P	01/24-05/09
504-117-3K1A	W	09:10A-12:10P	01/19-05/04
Racine			
504-117-3R11	M	05:50P-08:50P	01/24-05/09
Elkhorn			
504-117-3E11	Th	05:50P-08:50P	01/20-05/05

504-139 Professional Communications 3.00 CR

S347.44 PREREQUISITES: NONE
Students will learn the role of communication in law enforcement and will develop and apply specific communication skills and the strategies in a variety of simulated situations.

Kenosha			
504-139-3K11	T	01:30P-04:30P	01/25-05/10

504-148 Rules of Evidence 3.00 CR

S347.44 PREREQUISITES: 504-121 Criminal Justice System/ Introduction to
Emphasizes rules of admissibility of evidence in court trials involving various kinds and degrees of evidence to assist the police officer in proper performance of investigative duties.

Kenosha			
504-148-3K11	T	05:50P-08:50P	01/25-05/10

504-174 Security, Intro to 3.00 CR

S347.44 PREREQUISITES: NONE
Discuss historical, philosophical, legal and future trends of security. Define roles of the security professional in modern society. Study public/private security operations, and management concepts focusing on career preparation and opportunities in the field. Examine security challenges of internal theft, embezzlement, drugs and violence in the workplace.

Kenosha			
504-174-3K11	T	05:50P-08:50P	01/25-05/10
Racine			
504-174-3R11	T	01:30P-04:30P	01/25-05/10

504-176 Spanish for Law Enforcement 3.00 CR

S347.44 PREREQUISITES: NONE
Spanish for Law Enforcement is designed to enable Students who know little or no Spanish to communicate effectively with the Spanish speaking individuals. This course has been tailored for Law Enforcement students and professionals, and will teach students basic conversational Spanish to apply in the field. This course covers basic Field Interviews, Traffic Investigations, Medical Emergencies, Identification of subjects and preliminary investigations.

Kenosha			
504-176-3K11	W	05:50P-08:50P	01/19-05/04
504-176-3K1A	W	09:10A-12:10P	01/19-05/04
Elkhorn			
504-176-3E1A	F	09:10A-12:10P	01/21-05/06

504-175 Terrorism/Homeland Security 3.00 CR

\$347.44 PREREQUISITES: NONE

Examine the history and current trends of terrorism. Discuss governmental responses and the global effect of international terrorism. Define domestic terrorism, active insurgency, and discuss the phenomenon of politically inspired violence. Evaluate statistical and analytical data of individual and state level of terrorism. Study governmental agencies assigned to the Department of Homeland Security.

Kenosha

504-175-3K1A M 02:35P-05:35P 01/24-05/09

Elkhorn504-175-3E11 T 01:30P-04:30P 01/25-05/10

504-122 Traffic Theory 3.00 CR

\$347.44 PREREQUISITES: NONE

In this course, students study the rules of the road, what constitutes a traffic violation, how punishment is governed by law, the Wisconsin Motor Vehicle Code, fundamental traffic law enforcement tactics, and fundamental accident reconstruction techniques.

Kenosha

504-122-3K11 W 02:35P-05:35P 01/19-05/04

Racine

504-122-3R11 W 05:50P-08:50P 01/19-05/04

504-122-3R1A F 09:10A-12:10P 01/21-05/06

Elkhorn

504-122-3E11 W 01:30P-04:30P 01/19-05/04

504-122-3E12 T 05:50P-08:50P 01/25-05/10

Culinary Arts

316-110 Baking for Chefs 3.00 CR

\$450.69 PREREQUISITES: NONE

Baking techniques and procedures as related to food service operations. Use of and care of equipment. Sanitation and hygiene considerations.

Racine316-110-3R1A W 07:00A-12:00P 01/19-05/04

316-135 Catering/Banquets 2.00 CR

\$300.46 PREREQUISITES: 316-132 Culinary Skills II

Practical experience in organizing, menu planning, room set-up, preparation, cooking and serving banquets of various sizes.

Racine316-135-3R1A W 12:25P-03:25P 01/19-05/04

316-136 Culinary Competition I 1.00 CR

\$150.23 PREREQUISITES: NONE

This course introduces new students to the rules and regulations of culinary competition. Emphasis is on food styling concepts that meet the American Culinary Federation's judging standards. As a final project, students compete in the WRA student culinary arts salon.

Racine316-136-3R1A T 09:10A-12:10P 01/25-03/29

316-137 Culinary Competition II 1.00 CR

\$150.23 PREREQUISITES: NONE

This course builds on skills and knowledge gained in Culinary Competition I. Emphasis is on food styling concepts that meet the American Culinary Federation's judging standards. As a final project, students compete in the WRA student culinary arts salon.

Racine316-137-3R1A T 09:10A-12:10P 01/25-03/29

316-131 Culinary Skills I 4.00 CR

\$600.92 PREREQUISITES: NONE**COREQUISITES: 316-170 Sanitation and Hygiene**

Practical experience in basic food preparation is emphasized by using fundamental concepts and developing skills and techniques used in professional cookery. Luncheon items will be prepared and served by students for cafeteria patrons during the final weeks of this course.

Racine

316-131-3R1B M 07:00A-01:00P 01/24-05/09

Off Campus

316-131-3Z1A MW 05:00P-08:00P 01/19-05/09

This course is offered at the Wilmot High School.

316-132 Culinary Skills II 4.00 CR

\$600.92 PREREQUISITES: 316-131 Culinary Skills I

Students reinforce knowledge and skills learned in Culinary Skills I to begin building on that knowledge. Includes cooking luncheon menus, garnishing, plate presentation and kitchen management.

Racine316-132-3R1A Th 07:00A-02:00P 01/20-05/05

316-126 Dining Room Service 3.00 CR

\$450.69 PREREQUISITES: NONE

Emphasis on procedures for hosting, bussing, and serving customers in fine dining. Set up and serve different styles of service. Assist as a team member of the food service team.

Racine316-126-3R2A ST M 01:30P-08:30P 01/24-05/09

316-125 Fine Dining 4.00 CR

\$600.92 PREREQUISITES: 316-131 Culinary Skills I and 316-132 Culinary Skills II and 316-135 Catering/Banquets

Training in the duties of a waiter is given including table setting, taking orders and placing in the kitchen and clearing the table. Students also learn how to set up foods in the service line, serve hot and cold foods, prepare beverages and keep a flow of foods in the service line.

Racine316-125-3R2A ST M 01:30P-08:30P 01/24-05/09

316-158 Food and Beverage Cost Control 2.00 CR

\$232.96 PREREQUISITES: NONE

Study and utilization of several systems used in the food service business to provide management information in food and beverage costs and investment return.

Racine316-158-3R2A ST W 01:30P-04:30P 01/19-05/04

316-134 Garde Manger 1.00 CR

\$150.23 PREREQUISITES: NONE

Preparation of decorative meats and centerpieces and decorating and arranging food platters for buffet presentation.

Racine

316-134-3R1A W 08:05A-12:05P 01/19-03/23

316-134-3R1B T 12:25P-04:25P 01/25-03/29

Off Campus316-134-3Z1A TTh 05:00P-08:00P 02/22-04/12

316-133 Menu Planning Purchasing Cost Control 3.00 CR

\$347.44 PREREQUISITES: NONE
Menu planning as affected by acceptability, cost, labor requirements, available space and equipment. Principles of purchasing, receiving, issuing and managing food products, restaurant wares and equipment. Study and utilization of several systems used in the food service business to provide management information in food and beverage cost.

Racine
316-133-3R2A ST W 01:30P-04:30P 01/19-05/04

316-170 Sanitation and Hygiene 1.00 CR

\$118.48 PREREQUISITES: NONE
A study of sanitary conditions and the methods used in applying the measure effectively. Includes organisms responsible for food contamination, spoilage, and the diseases transmitted by food. Personal health habits necessary for food service personnel and the laws regarding sanitary practices are interpreted.

Racine
316-170-3R1A M 02:35P-05:05P 01/24-03/07

Off Campus
316-170-3Z1A TTh 05:00P-07:00P 01/20-02/17
This course is held at Wilmot High School

316-104 Short Order/Deli 2.00 CR

\$300.46 PREREQUISITES: NONE
COREQUISITES: 316-170 Sanitation and Hygiene
Practice in short order food preparation; frying, grilling, sandwich making, salad and dessert preparation. Analysis of cost and returns.

Racine
316-104-3R1A T 07:00A-02:00P 02/22-05/10

Dental

508-101 Dental Health Safety 1.00 CR

\$146.98 PREREQUISITES: CPR for the Healthcare Provider
This course prepares dental auxiliary students to respond proactively to dental emergencies, control infection, prevent disease, adhere to OSHA standards, and safely manage hazardous materials. Students also take patient vital signs and collect patient medical/dental histories. Students will be required to show proof of certification before beginning this course.

Kenosha
508-101-3K1A Th 01:30P-03:30P 01/20-05/05

508-120 Dental Office Management 2.00 CR

\$252.96 PREREQUISITES: 508-357 Dental Assistant Professionalism
This course prepares Dental Assistant students to manage telephones, appointments, recall systems, and inventory. Students also develop the skills needed to process accounts receivable and payable, collections, and third party reimbursements.

Off Campus
508-120-3W7A INET TBA TBA-TBA 01/24-05/09
Additional fees apply to this class — cost is \$252.96

Diesel Equipment Technology

412-106 Diesel Brake Systems 4.00 CR

\$548.92 PREREQUISITES: 412-111 Diesel Maintenance Fundamental
This course will develop the knowledge and skills required to troubleshoot, repair and maintain heavy duty vehicle braking systems. Hydraulic and pneumatic drum and disc systems will be covered. This course will help prepare for ASE certification.

Horizon Center
412-106-3H1A ST MTWTh 10:51A-12:30P 04/11-05/10
MTWTh 07:00A-10:21A 04/11-05/10
412-106-3H1B ST MTWTh 10:51A-12:30P 04/11-05/10
MTWTh 12:31P-03:50P 04/11-05/10

412-109 Diesel Engine Service 5.00 CR

\$686.15 PREREQUISITES: 412-111 Diesel Maintenance Fundamental
This course provides the student with the knowledge and skills required to maintain basic diesel engines. Students will gain practical experience in rebuilding, testing, and troubleshooting by disassembling a diesel engine, inspecting it's components, explaining their function and reassembly. Diesel engine cooling and lubrication systems will be included. This course will help the student prepare for ASE certification.

Horizon Center
412-109-3H1A ST MTWTh 11:15A-12:30P 01/19-03/02
MTWTh 07:00A-10:45A 01/19-03/02
412-109-3H1B ST MTWTh 11:15A-12:30P 01/19-03/02
MTWTh 12:31P-04:15P 01/19-03/02

412-115 Diesel Hydraulic Systems 2.00 CR

\$274.46 PREREQUISITES: 412-111 Diesel Maintenance Fundamental
This course will provide the application of basic hydraulic principles as they relate to typical heavy duty vehicle applications. The student will develop the knowledge and skills required to diagnose, service and repair and maintain hydraulic systems and components including valves, pumps, and cylinders. Servicing diagnosing and preventive maintenance prodedures will be performed on trucks and other equipment. This course will help the student prepare for ASE certification.

Horizon Center
412-115-3H1A ST MTWTh 10:51A-12:30P 03/21-04/01
MTWTh 07:00A-10:21A 03/21-04/01
412-115-3H1B ST MTWTh 10:51A-12:30P 03/21-04/01
MTWTh 12:31P-03:50P 03/21-04/01

Early Childhood Education

307-100 Children's Spontaneous Play 3.00 CR

\$347.44 PREREQUISITES: NONE
This course examines the essential role of children's spontaneous play in their development and the strategies teachers utilize to promote it. Course competencies include: analyze the critical of child-initiated spontaneous play; analyze children's play skills based on assessment; enrich a developmentally appropriate environment to support children's spontaneous play; examine the role of the teacher in participating/intervening in children's spontaneous play; develop strategies for participating/intervening in children's spontaneous play; identify strategies that support diversity and anti-bias perspective; and utilize positive interpersonal skills with children.

Racine
307-100-3R11 M 07:00P-10:00P 01/24-05/09

307-198 ECE: Administering an Early Childhood Education Program 3.00 CR

\$347.44 PREREQUISITES: NONE
This three credit course focuses on the administration of an early childhood education program. Course competencies include: integrate strategies that support diversity and anti-bias perspectives; analyze the components of an ECE facility; design an ECE program; analyze the aspects of personnel supervision; outline financial components of an ECE program; apply laws and regulations related to an ECE facility; and advocate for the early childhood profession.

Racine
307-198-3R1A M :40P-06:40P 01/24-05/09

307-178 ECE: Art, Music, and Language Arts 3.00 CR

S347.44 PREREQUISITES: NONE

This three credit course will focus on beginning level curriculum development in the specific content areas of art, music, and language arts. Course competencies include: integrate strategies that support diversity and anti-bias perspectives; examine the critical role of play; establish a developmentally appropriate environment; develop activity plans that promote child development and learning; analyze caregiving routines as curriculum; create developmentally appropriate language, literature, and literacy activities; create developmentally appropriate art activities; and create developmentally appropriate music and movement activities.

Racine

307-178-3R11	W	07:00P-10:00P	01/19-05/04
307-178-3R1A	T	12:25P-03:25P	01/25-05/10
307-178-3R9A	S	08:05A-12:05P	01/22-05/07

307-179 ECE: Child Development 3.00 CR

S347.44 PREREQUISITES: NONE

This three credit course examines child development within the context of the early childhood education setting. Course competencies include: analyze social, cultural, and economic influences on child development; summarize child development theories; analyze development of children age three through eight; summarize the methods and designs of child development research; and analyze the role of heredity and environment.

Racine

307-179-3R1A	W	03:40P-06:40P	01/19-05/04
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Off Campus

307-179-3W7A	INET	TBA	TBA-TBA	01/19-05/04
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See below for additional course information.*

307-179-3W7B	INET	TBA	TBA-TBA	01/19-05/02
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See below for additional course information.*

*Additional fees apply to this class — cost is \$377.44. This Internet course requires a computer with access to the Internet, access to the World Wide Web, an e-mail account, and Microsoft Word. Review additional hardware and software requirements in Blackboard. Prior to the first day of class, be sure you have changed the e-mail address in Web Advisor to the one you want to use in Blackboard.

307-148 ECE: Foundations of Early Childhood Education 3.00 CR

S377.44 PREREQUISITES: NONE

This three credit course introduces you to the early childhood profession. Course competencies include: integrate strategies that support diversity and anti-bias perspectives; investigate the history of early childhood education; summarize types of early childhood education settings; identify the components of a quality early childhood education program; summarize responsibilities of early childhood education professionals; and explore early childhood curriculum models.

Off Campus

307-148-3W7A	INET	TBA	TBA-TBA	01/19-05/04
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Additional fees apply to this class — cost is \$377.44. This Internet course requires a computer with access to the Internet, access to the World Wide Web, an e-mail account and Microsoft Word. Review additional hardware and software requirements in Blackboard. Prior to the first day of class, be sure you have changed the e-mail address in Web Advisor to the one you want to use in Blackboard.

307-188 ECE: Guiding Children's Behavior 3.00 CR

S470.92 PREREQUISITES: NONE

This three credit course examines positive strategies to guide children's behavior in the early childhood education setting. Course competencies include: integrate strategies

that support diversity and anti-bias perspectives; summarize early childhood guidance principles; analyze factors that affect the behavior of children; practice positive guidance strategies; develop guidance strategies to meet individual needs; and create a guidance philosophy.

Racine

307-188-3R11	Th	06:55P-09:55P	01/20-05/05
307-188-3R1A	M	12:25P-03:25P	01/24-05/09
307-188-3R1B	T	03:40P-06:40P	01/25-05/10

307-174 ECE: Practicum 1 3.00 CR

S470.92 Instructor consent required**PREREQUISITES: NONE**

In this practicum course, you will learn about and apply the course competencies in an actual child care setting. The course competencies include: document children's behavior; explore the standards for quality early childhood education; explore strategies that support diversity and anti-bias perspectives; implement activities developed by the co-op teacher/instructor; demonstrate professional behaviors; practice caregiving routines as curriculum; practice positive interpersonal skills with children; and practice positive interpersonal skills with adults.

Racine

307-174-3R11	T	06:55A-08:55A	01/25-05/10
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307-192 ECE: Practicum 2 3.00 CR

S372.69 PREREQUISITES: 307-174 ECE: Practicum 1

In this three credit practicum course, you will learn about and apply the course competencies in an actual child care setting. The course competencies include: identify children's growth and development; maintain the standards for quality early childhood education; practice strategies that support diversity and anti-bias perspectives; implement student-teacher developed activity plans; identify the elements of a developmentally appropriate environment; implement positive guidance strategies; demonstrate professional behavior; utilize caregiving routines as curriculum; utilize positive interpersonal skills with children; and utilize positive interpersonal skills with adults.

Racine

307-192-3R2A	ST	Th	11:20A-02:20P	01/20-05/05
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See below for additional course information.*

307-192-3R2B	ST	Th	02:35P-05:35P	01/20-05/05
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See below for additional course information.*

*This course meets at the above times on 1/20, 1/27, 2/3, 2/10, 3/24, and 4/28. An additional 9 hours per week at a practicum site is required 2/7 - 4/29 with days and times to be arranged with the instructor.

307-197 ECE: Practicum 3 3.00 CR

S372.69 PREREQUISITES: 307-192 ECE: Practicum 2

In this three credit practicum course, you will learn about and apply the course competencies in an actual child care setting. The course competencies include: assess children's growth and development; implement the standards for quality early childhood education; integrate strategies that support diversity and anti-bias perspectives; build meaningful curriculum; provide a developmentally appropriate environment; facilitate positive guidance strategies; evaluate one's own professional behaviors and practices; lead caregiving routines as curriculum; utilize positive interpersonal skills with children; and utilize positive interpersonal skills with adults.

Racine

307-197-3R2A	ST	Th	11:20A-02:20P	01/20-05/05
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See below for additional course information.*

307-197-3R2B	ST	Th	02:35P-05:35P	01/20-05/05
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See below for additional course information.*

*This course meets at the above times on 1/20, 1/27, 2/3, 2/10, 3/24, and 4/28. An additional 9 hours per week at a practicum site is required 2/7 - 4/29 with days and times to be arranged with the instructor.

307-199 ECE: Practicum 4 3.00 CR

\$372.69 PREREQUISITES: 307-197 ECE: Practicum 3
In this three credit practicum course, you will learn about and apply the course competencies in an actual child care setting. Course competencies include: analyze children's growth and development based on assessment; integrate strategies that support diversity and anti-bias perspectives; promote professional behaviors and practices; implement meaningful curriculum; create respectful, reciprocal relationships; evaluate early childhood education programs for quality; and explore professional options in early childhood education.

Racine
307-199-3R1A Th 12:25P-03:25P 01/20-05/05
This course meets at the above times on 1/20, 1/27, 2/3, 2/10, 3/24, and 4/28. An additional 9 hours per week at a practicum site is required 2/7 - 4/29 with days and times to be arranged with the instructor.

Educational Services

522-103 IA: Introduction to Educational Practices 3.00 CR

\$383.19 PREREQUISITES: NONE
This course addresses the fundamentals of teaching methodologies, learning styles, factors influencing teaching effectiveness, strategies to meet the needs of all learners, questioning techniques, and basic assessment practices.

Off Campus
522-103-3W71 INET TBA TBA-TBA 01/19-05/04
Additional fees apply to this class — cost is \$383.19

522-132 IA: Positive Classroom Mgmt Tech 3.00 CR

\$377.44 PREREQUISITES: NONE
This course examines the impact of issues such as divorce, alcoholism, child abuse, youth suicide, stress, violence and gangs on behavior in the classroom. Conflict resolution techniques and de-escalation strategies and with an emphasis on prevention will also be examined.

Off Campus
522-132-3W71 INET TBA TBA-TBA 01/19-05/04
Additional fees apply to this class — cost is \$377.44

522-131 IA: Practicum 2 3.00 CR

\$377.44 PREREQUISITES: NONE
Apply the skills learned in previous program courses in a school setting while under the supervision of a DPI certified teacher. Students support children with special education needs and programming. Job search skills will be addressed and a professional portfolio will be completed.

Off Campus
522-131-3W71 INET TBA TBA-TBA 01/19-05/04
Additional fees apply to this class — cost is \$377.44

522-101 IA: Teamwork in School Settings 3.00 CR

\$383.19 PREREQUISITES: NONE
This course introduces the learner to group dynamics, school and class policies, liability, confidentiality, and safety issues as they relate to the role of the instructional assistant as a member of a team.

Off Campus
522-101-3W71 INET TBA TBA-TBA 01/19-05/04
Additional fees apply to this class — cost is \$383.19

522-106 IA:Child and Adolescent Development 3.00 CR

\$377.44 PREREQUISITES: NONE
This course provides an overview of growth and development from birth through adolescence. It acquaints the learner with the fundamental tasks of physical, motor, perceptual, cognitive, social/emotional, and language development.

Off Campus
522-106-3W71 INET TBA TBA-TBA 01/19-05/04
Additional fees apply to this class — cost is \$377.44

522-111 IA:Guiding and Managing Behavior 3.00 CR

\$383.19 PREREQUISITES: NONE
This course focuses on guiding children's behavior to keep them safe and healthy. It includes strategies for improving behavior and problems of all levels in the inclusive classroom, on the bus, on the playground, and on field trips.

Off Campus
522-111-3W71 INET TBA TBA-TBA 01/19-05/04
Additional fees apply to this class — cost is \$383.19

Electrical Engineering Tech.

662-124 Electronic Circuit Analysis 3.00 CR

\$347.44 PREREQUISITES: 605-120 Electronic Devices I
This course introduces the student to the fundamental laws in electrical engineering technology and their application in advanced circuit analysis concepts and techniques. Topics include frequency as a variable in the analysis of circuits with a sinusoidal excitation, Bode plots, and detailed analysis of resonant circuits. The student is introduced to small signal analysis of transistor amplifier circuits and examination of gain and frequency response of the circuit. The student will utilize both the "hands-on" approach and computer simulation, including swept AC frequency circuit analysis, in the laboratory, as the laboratory experiments are designed to support the topics presented.

CATI
662-124-3C11 MW 07:00P-09:00P 01/19-05/04
662-124-3C1A MW 09:00A-11:00A 01/19-05/04

662-102 Medical Devices; Function and Use 1 3.00 CR

\$347.44 PREREQUISITES: NONE
Medical instrumentation utilized in both monitoring and diagnostic capacities for the respiratory and circulatory systems are examined. The medical terminology associated with these two systems is also covered. The instrumentation for monitoring individual organs is also explored.

CATI
662-102-3CM1 BLND T 07:00P-10:00P 01/25-05/10
662-102-3CMA BLND S 09:00A-12:00P 01/22-05/07

662-101 Safety in Healthcare 1.00 CR

\$118.48 PREREQUISITES: NONE
Safety in the Health Care environment is explored. Safety issues include; electrical, chemical, radiological, biological and fire. National codes and standards set forth by JCAHO, NFPA 99, FDA, and OSHA are examined.

CATI
662-101-3CM1 BLND T 06:00P-07:00P 01/25-05/10
662-101-3CMA BLND S 08:00A-09:00A 01/22-05/07

Electromechanical Technology

620-150 Electromechanical Dr Systems 3.00 CR

S392.19 PREREQUISITES: 605-113 DC/AC I

Electromechanical Drive Systems introduces the student to motor drive systems. This includes three phase, single phase, DC, stepper, and servo motors. The student will acquire a thorough understanding of the electrical principles involved with motor analysis. The student will apply this knowledge to hands-on work with motors and controls in the lab. The lab introduces the student to motor set-up, troubleshooting, and parameter measurements.

Lakeview Advanced Tech. Center

620-150-3L61 SP MTWTh 03:30P-09:00P 01/19-05/10

This course is offered on an open entry self-paced schedule. Each student will meet with the instructor to establish a schedule.

620-120 Feedback and Control Systems/ Electromechanical 2.00 CR

S261.46 PREREQUISITES: 605-113 DC/AC I

The course in Feedback and Control Systems investigates devices and circuits used in the control of electromechanical systems. The student studies control diagrams and simple control systems and their applications. The student will become familiar with sensors and devices used in feedback circuits as well as accuracy and application of those sensors in control circuits. The course will help the student understand closed loop control systems. This knowledge will help the student to troubleshoot and repair these systems when encountered on the job.

Lakeview Advanced Tech. Center

620-120-3L61 SP MTWTh 03:30P-09:00P 01/19-05/10

This course is offered on an open entry self-paced schedule. Each student will meet with the instructor to establish a schedule.

Elkhorn

620-120-3E6A SP TTh 03:00P-08:00P 01/20-05/10

620-103 Industrial Controls, Introduction to 4.00 CR

S662.69 PREREQUISITES: NONE

Industrial electrical hardware such as motors and controls are studied. Industrial electrical control circuits are developed and wired. Troubleshooting techniques are used to correct problems in wiring or controls. Motor starters, industrial control relays, timers, proximity switches, and electric eyes are studied, including proper selection and wiring techniques. Ladder logic and wiring diagrams are examined and drawn. This course is for an individual that already has a basic understanding of electricity.

Lakeview Advanced Tech. Center

620-103-3L61 SP MTWTh 03:30P-09:00P 01/19-05/10

This course is offered on an open entry self-paced schedule. Each student will meet with the instructor to establish a schedule.

Racine

620-103-3R11 MT 04:45P-08:15P 01/24-05/10

620-102 Process Controls 3.00 CR

S392.19 PREREQUISITES: NONE

COREQUISITES: 620-111 Solid State Circuits, Introduction to

This course covers the equipment necessary for open and closed loop control of fluids in both flow and level environments. It describes the various production methods used in process industries and provides a background of basic regulating control strategies and controller tuning to accommodate the dynamics of various systems. Strategies include feedback (proportional, integral, derivative), feed forward, ratio, cascade, and adaptive control. Process plan trainers, which are immature versions of real industrial processes, are used to reinforce the theory portion of the course.

Lakeview Advanced Tech. Center

620-102-3L61 SP MTWTh 03:30P-09:00P 01/19-05/10

This course is offered on an open entry self-paced schedule. Each student will meet with the instructor to establish a schedule.

620-140 Programmable Controllers 2.00 CR

S261.46 PREREQUISITES: 620-103 Industrial Controls, Introduction to

The operation of the Programmable Logic Controller (PLC) is studied for the purpose of various applications. The hardware, including various I/O modules, is studied for applications and capabilities. Electrical ladder logic provides the documentation and programming means. The student will be able to write programs, load them into the PLC, troubleshoot any errors, and document the function and input/output of the control.

Lakeview Advanced Tech. Center

620-140-3L61 SP MTWTh 03:30P-09:00P 01/19-05/10

This course is offered on an open entry self-paced schedule. Each student will meet with the instructor to establish a schedule.

Elkhorn

620-140-3E6A SP TTh 03:00P-08:00P 01/20-05/10

620-145 Programmable Logic Controllers/Advanced 3.00 CR

S392.19 PREREQUISITES: 620-140 Programmable Controllers

The advanced course in programmable logic controllers continues with the study of the programmable logic controller. The student studies the advanced instruction set of commands. The sequencer, file-to-file moves, data arrays, remote I/O, displays, and messages are part of the advanced instruction set. The student applies the old and new commands to an application in the lab. The student becomes familiar with diagnostics and troubleshooting through the lab applications. The student will learn to interface the PLC to other controls, networks, and devices.

Lakeview Advanced Tech. Center

620-145-3L61 SP MTWTh 03:30P-09:00P 01/19-05/10

This course is offered on an open entry self-paced schedule. Each student will meet with the instructor to establish a schedule.

Elkhorn

620-145-3E6A SP TTh 03:00P-08:00P 01/20-05/10

620-110 Robotics Mechanics I 3.00 CR

S392.19 PREREQUISITES: 605-113 DC/AC I

In this course, the basic control elements of electromechanical machines will be studied. The application and simple control of power using pneumatics and electrical methods will be covered. Electrical control includes the use of simple push buttons, solid state power transistors, and thyristors to control electrical power. The use of air as a power transfer medium will be implemented along with the use of electro-pneumatic devices to control a pick and place robot. The operational amplifier will be studied as a control device in proportional, integral, and differential control circuits.

Lakeview Advanced Tech. Center

620-110-3L61 SP MTWTh 03:30P-09:00P 01/19-05/10

This course is offered on an open entry self-paced schedule. Each student will meet with the instructor to establish a schedule.

Elkhorn

620-110-3E6A SP TTh 03:00P-08:00P 01/20-05/10

620-111 Solid State Circuits, Introduction to 4.00 CR

S522.92 PREREQUISITES: 605-113 DC/AC I

This course is an introduction to diode circuits, bipolar transistor circuits, and electronic testing equipment. Topics are semiconductor physics, biasing techniques, lead-line analysis of amplifiers, frequency response, and realization of logic gates using TTL and CMOS devices. Verification of theory is accomplished through laboratory experiments with small and medium scale integrated circuits.

Lakeview Advanced Tech. Center
620-111-3L61 SP MTWTh 03:30P-09:00P 01/19-05/10
This course is offered on an open entry self-paced schedule. Each student will meet with the instructor to establish a schedule.

620-113 Troubleshooting Electrical/Electronic Systems 3.00 CR

\$392.19 PREREQUISITES: NONE
This course will teach the student proper troubleshooting techniques in the industrial setting. The student will be required to use electrical schematics and wiring diagrams along with proper troubleshooting equipment, such as meters and oscilloscopes, to locate problems with electrical/electronic systems. Areas of troubleshooting will include motor starters, relays, AC and DC motors, motor drives, lighting circuits, solid state equipment, and programmable controllers.

Lakeview Advanced Tech. Center
620-113-3L61 SP MTWTh 03:30P-09:00P 01/19-05/10
This course is offered on an open entry self-paced schedule. Each student will meet with the instructor to establish a schedule.

620-101 Variable Speed Drives 3.00 CR

\$392.19 PREREQUISITES: 620-150 Electromechanical Dr Systems
This course covers the theory and operation of DC and AC variable speed drives that run electrical motors. Content will include servos, stepping motors, and control of general purpose motors. Feedback sensing devices in position and velocity control will be covered. Laboratory experiments will be used to help the student in understanding the complex nature of those systems.

Lakeview Advanced Tech. Center
620-101-3L61 SP MTWTh 03:30P-09:00P 01/19-05/10
This course is offered on an open entry self-paced schedule. Each student will meet with the instructor to establish a schedule.

Electronic Technology

605-113 DC/AC I 3.00 CR

\$512.46 PREREQUISITES: NONE
This introductory course presents the scientific foundation used throughout electronics technology. Topics include DC/AC forms of current, voltage, resistance, capacitance, inductance, and power. Troubleshooting practices will be emphasized and computer technologies will be used to enhance abstract theory. Students perform laboratory experiments and prepare technical reports.

CATI
605-113-3C61 SP,IPVID MTWTh 05:00P-10:00P 01/19-05/10
605-113-3C6A SP,IPVID MTWThFS 11:20A-04:20P 01/19-05/10

Elkhorn
605-113-3E61 SP MTWTh 05:00P-10:00P 01/19-05/10
605-113-3E6A SP MTWTh 11:20A-04:20P 01/19-05/10

605-114 DC/AC II 3.00 CR

\$372.69 PREREQUISITES: 605-113 DC/AC I
An extension of and enhancement to DC/AC I. More advanced topics, such as complex networks, applicable theorems, polyphase systems, and passive filters, will be discussed. Computer simulation software will be used to reinforce theoretical analyses.

CATI
605-114-3C61 SP,IPVID MTWTh 05:00P-10:00P 01/19-05/10
605-114-3C6A SP,IPVID MTWThFS 11:20A-04:20P 01/19-05/10

Elkhorn
605-114-3E61 SP,IPVID MTWTh 05:00P-10:00P 01/19-05/10
This class is taught using the NODAL system by an instructor on a remote campus.

605-114-3E6A SP,IPVID MTWTh 11:20A-04:20P 01/19-05/10
This class is taught using the NODAL system by an instructor on a remote campus.

605-174 Digital Circuits II 3.00 CR

\$372.69 PREREQUISITES: 605-130 Digital Electronics
A study of the TTL logic family characteristics, CMOS series characteristics, MSI logic circuits, interfacing with the analog world and memory devices.

CATI
605-174-3C61 SP MTWTh 05:00P-10:00P 01/19-05/10
605-174-3C6A SP MTWThFS 11:20A-04:20P 01/19-05/10

605-130 Digital Electronics 4.00 CR

\$496.92 PREREQUISITES: NONE
COREQUISITES: 605-113 DC/AC I
Analysis of digital electronic circuits. Realization of logic gates, using TTL and CMOS devices. Verification of theory is accomplished through laboratory experiments with small and medium scale integrated circuits.

CATI
605-130-3C61 SP,IPVID MTWTh 05:00P-10:00P 01/19-05/10
605-130-3C6A SP,IPVID MTWThFS 11:20A-04:20P 01/19-05/10

Elkhorn
605-130-3E61 SP,IPVID MTWTh 05:00P-10:00P 01/19-05/10
This class is taught using the NODAL system by an instructor on a remote campus.
605-130-3E6A SP MTWTh 11:20A-04:20P 01/19-05/10

605-151 Electronic Communications 3.00 CR

\$372.69 PREREQUISITES: 605-114 DC/AC II and 605-120 Electronic Devices I
An introduction course in analog communication systems. Topics covered are AM/FM/SSBX microwave and laser transmission and reception. Theory is covered in block diagram level with additional theory and labs on representative circuits from the major blocks of a communication system.

CATI
605-151-3C61 SP,IPVID MTWTh 05:00P-10:00P 01/19-05/10
605-151-3C6A SP,IPVID MTWThFS 11:20A-04:20P 01/19-05/10

Elkhorn
605-151-3E61 SP,IPVID MTWTh 05:00P-10:00P 01/19-05/10
This class is taught using the NODAL system by an instructor on a remote campus.
605-151-3E6A SP,IPVID MTWTh 11:20A-04:20P 01/19-05/10
This class is taught using the NODAL system by an instructor on a remote campus.

605-120 Electronic Devices I 4.00 CR

\$496.92 PREREQUISITES: 605-113 DC/AC I
The basic operating principles of diodes, transistors, and linear ICs are presented as they are used in rectifier, amplifier, and oscillator circuits. Lecture theory is reinforced with laboratory assembly, measurements, troubleshooting, and technical report writing.

CATI
605-120-3C61 SP,IPVID MTWTh 05:00P-10:00P 01/19-05/10
605-120-3C6A SP,IPVID MTWThFS 11:20A-04:20P 01/19-05/10

Elkhorn
605-120-3E61 SP,IPVID MTWTh 05:00P-10:00P 01/19-05/10
This class is taught using the NODAL system by an instructor on a remote campus.

605-120-3E6A SP,IPVID MTWTh 11:20A-04:20P 01/19-05/10
This class is taught using the NODAL system by an instructor on a remote campus.

605-121 Electronic Devices II 4.00 CR

S496.92 PREREQUISITES: 605-120 Electronic Devices I
Introduction to unipolar transistors, JFETs, and MOSFETs being used in linear and nonlinear circuits. Students will use high frequency analysis with both bipolar and unipolar transistors. Operational amplifiers are used as linear amplifiers and in nonlinear circuits. Some circuits covered include voltage amplifiers, summing amplifiers, instrumentation amplifiers, active filters and oscillators.

CATI

605-121-3C61 SP,IPVID MTWTh 05:00P-10:00P 01/19-05/10
605-121-3C6A SP,IPVID MTWThFS 11:20A-04:20P 01/19-05/10

Elkhorn

605-121-3E61 SP,IPVID MTWTh 05:00P-10:00P 01/19-05/10
This class is taught using the NODAL system by an instructor on a remote campus.
605-121-3E6A SP,IPVID MTWTh 11:20A-04:20P 01/19-05/10
This class is taught using the NODAL system by an instructor on a remote campus.

605-109 Fabrication Techniques 1.00 CR

S124.23 PREREQUISITES: NONE
Emphasis is on the use of hand tools, soldering, shearing, forming, punching, chassis construction. Students construct a project in a hands-on situation.

CATI

605-109-3C61 SP MTWTh 05:00P-10:00P 01/19-05/10
605-109-3C6A SP MTWThFS 11:20A-04:20P 01/19-05/10

605-107 Fundamentals of Electricity/Electronics 3.00 CR

S512.46 PREREQUISITES: NONE
This course studies the behavior of electricity in terms of voltage, amperage, resistance, and impedance in various circuits. Lab instruction will include the application and usage of measuring and troubleshooting equipment.

Kenosha

605-107-3K11 Th 04:45P-05:45P 01/20-05/05
Th 05:45P-09:45P 01/20-05/05
605-107-3K1A T 09:10A-10:10A 01/25-05/10
T 10:10A-02:10P 01/25-05/10

605-150 Industrial Electronics 3.00 CR

S372.69 PREREQUISITES: 605-114 DC/AC II and 605-120 Electronic Devices I
Covers industrial electrical control using motor starters, relays, pushbuttons, as well as variable speed control of DC motors and power distribution for industry.

CATI

605-150-3C11 T 06:00P-10:00P 01/25-05/10
605-150-3C1A T 08:00A-12:00P 01/25-05/10

605-176 Optoelectronics 2.00 CR

S248.46 PREREQUISITES: 605-114 DC/AC II and 605-120 Electronic Devices I
The study of the integration of electronics, optics and light to control electromechanical or electronics operations. Topics include optical concepts, light sources, laser, fiber optics, photometry, radiometry and optoelectronic applications.

CATI

605-176-3C61 SP,IPVID MTWTh 05:00P-10:00P 01/19-05/10
605-176-3C6A SP,IPVID MTWThFS 11:20A-04:20P 01/19-05/10

Elkhorn

605-176-3E61 SP,IPVID MTWTh 05:00P-10:00P 01/19-05/10
This class is taught using the NODAL system by an instructor on a remote campus.
605-176-3E6A SP,IPVID MTWTh 11:20A-04:20P 01/19-05/10
This class is taught using the NODAL system by an instructor on a remote campus.

Emergency Medical Service

531-158 Cardiology II 3.00 CR

S388.44 PREREQUISITES: 531-156 Cardiology I
This course will provide the student with the basic knowledge of 12 lead ECG interpretation. It provides the student with the knowledge and skills to integrate a field impression and implement a treatment plan for a patient with Acute Coronary Syndrome.

Burlington

531-158-3B11 TTh 05:45P-09:45P 02/05-02/26
S 08:00A-04:25P 02/05-02/26
531-158-3B1A MTF 08:00A-04:25P 02/01-02/07
WTh 08:00A-04:25P 02/10-02/16
TS 08:00A-04:25P 02/19-02/22

531-165 Emergency Care for Specialties 3.00 CR

S382.44 PREREQUISITES: 531-164 Trauma Emergencies
This course will provide the student with the knowledge and skills to formulate a field impression and implement a treatment management plan for the patient experiencing a gynecological, obstetrical, neonatal, pediatric, or geriatric emergency. This course also covers the victim of abuse or assault, patients with special challenges, acute interventions in the home care patient, and life span development.

Burlington

531-165-3B11 TTh 05:45P-09:45P 05/05-05/31
S 08:00A-04:25P 05/05-05/21
531-165-3B1A MThF 08:00A-04:25P 04/29-05/05
TFS 08:00A-04:25P 05/14-05/20
M 08:00A-04:25P 05/23-05/23

531-192 EMT-Basic 4.00 CR

S509.92 Instructor consent required
PREREQUISITES: NONE
Emergency Medical Technician is a training course based on the DOT EMT Ambulance National Standard curriculum. It covers all emergency medical techniques currently considered to be within the responsibility of the EMT-A providing emergency care with an ambulance service. The course consists of 140 hours lecture and practical, plus 10 hours of hospital observation and training. Upon successful completion, the participant will qualify for certification and the NREMT Exam.

Burlington

531-192-3B11 MW 05:45P-09:45P 01/19-05/07
S 08:00A-03:25P 01/22-01/22
S 08:00A-03:25P 02/12-02/12
S 08:00A-03:25P 03/05-03/05
S 08:00A-03:25P 03/26-03/26
S 08:00A-03:25P 04/16-04/16
S 08:00A-03:25P 05/07-05/07
531-192-3B12 TTh 05:45P-09:45P 02/01-05/24
S 08:00A-03:25P 02/05-02/05
S 08:00A-03:25P 02/26-02/26
S 08:00A-03:25P 04/09-04/09
S 08:00A-03:25P 04/30-04/30
S 08:00A-03:25P 05/21-05/21

531-159 Medical Emergencies 3.00 CR

\$382.44 PREREQUISITES: 531-158 Cardiology II

This course will provide the student with the knowledge and skills to integrate pathophysiological principles and assessment findings to formulate a field impression and implement a treatment plan for patients experiencing neurology, endocrine, allergic or anaphylactic emergency, gastroenterology, renal/ urology, toxicology, hematology, environmental emergency, infectious and communicable disease, and behavior and psychiatric disorders.

Burlington

531-159-3B11	TTh	05:45P-09:45P	03/03-03/12
	TTh	05:45P-09:45P	03/22-03/31
	S	08:00A-04:25P	03/03-03/12
	S	08:00A-04:25P	03/22-03/31
	S	08:00A-12:00P	04/02-04/02
531-159-3B1A	MThF	08:00A-04:25P	02/25-03/03
	WS	08:00A-04:25P	03/09-03/12
	MTh	08:00A-04:25P	03/21-03/24

531-164 Trauma Emergencies 3.00 CR

\$397.44 PREREQUISITES: 531-159 Medical Emergencies

This course will provide the student with the knowledge and skills to integrate the principles of kinematics to enhance the patient assessment and predict the likelihood of injuries based on the patient's mechanism of injury. This course includes soft tissue trauma, burns, head and facial trauma, spinal trauma, abdominal trauma, thoracic trauma, and mechanism of injury trauma systems. This course includes PHTLS certification.

Burlington

531-164-3B11	S	12:30P-04:25P	04/02-04/02
	TTh	05:45P-09:45P	04/02-05/03
	S	08:00A-04:25P	04/09-05/03
531-164-3B1A	WS	08:00A-04:25P	03/30-04/02
	MTF	08:00A-04:25P	04/05-04/11
	WTh	08:00A-04:25P	04/14-04/20
	T	08:00A-04:25P	04/26-04/26

Financial Planning

114-101 Personal Financial Planning 3.00 CR

\$347.44 PREREQUISITES: NONE

This course considers finance from the perspective of the individual or family unit. A broad range of topics in personal finance are discussed including: planning and managing your personal finances, making purchasing and credit decisions, insuring assets, investing and controlling your financial future.

Kenosha

114-101-3K1A	Th	01:00P-04:30P	01/20-05/05
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Elkhorn

114-101-3E1A	Th	09:10A-12:10P	01/20-05/05
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Off Campus

114-101-3W7A	INET	TBA	TBA-TBA	01/19-05/04
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See below for additional course information.*

114-101-3W7B	INET	TBA	TBA-TBA	01/19-05/04
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See below for additional course information.*

114-101-3W7C	INET	TBA	TBA-TBA	01/19-05/04
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See below for additional course information.*

*Additional fees apply to this class — cost is \$377.44. On the first day of class, Wednesday, January 19, 2011 you should log onto Blackboard at <http://gtc.blackboard.com>

Fire Technology

503-128 Fire Department Management 3.00 CR

\$347.44 PREREQUISITES: 503-139 Principles of Emergency Services and 503-142 Firefighting Principles I

Principles of management applied to the fire department. Records, reports and personnel management. Various theories of motivation and types of management are explored.

Racine

503-128-3R11	F	01:00P-03:55P	01/21-05/06
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503-157 Fire Investigation 3.00 CR

\$347.44 PREREQUISITES: 503-142 Firefighting Principles I and 503-143 Building Construction

This course provides learners with the fundamentals and technical knowledge needed for proper fire scene investigations.

Racine

503-157-3R11	T	06:00P-08:55P	01/25-05/10
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503-151 Fire Prevention 4.00 CR

\$461.92 PREREQUISITES: NONE

This course provides fundamental information regarding the history and philosophy of fire prevention, organization and operation of a fire prevention bureau, use of fire codes, and identification and correction of fire hazards. It meets all requirements for Fire Inspector I certification with the state of Wisconsin.

Racine

503-151-3R11	W	01:00P-04:55P	01/19-05/04
503-151-3R21	ST	06:00P-09:55P	01/19-05/04

503-155 Fire Protection Hydraulics 4.00 CR

\$522.92 PREREQUISITES: 503-121 Firefighting Principles I

This course provides a foundation of knowledge in order to understand the principles of the use of water in fire protection. It meets all of the requirements for Driver Operator-Pumper certification with the state of Wisconsin.

Racine

503-155-3R1A	M	09:00A-12:55P	01/24-05/09
	W	09:00A-11:55A	01/24-05/09

503-147 Fire Protection Systems 4.00 CR

\$461.92 PREREQUISITES: NONE

This course provides information relating to the features of design and operation of fire detection and suppression systems.

Racine

503-147-3R11	Th	01:00P-04:55P	01/20-05/05
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503-120 Fire Science Student Internship 2.00 CR

\$253.96 Instructor consent required
PREREQUISITES: 503-142 Firefighting Principles I and 531-192 EMT-Basic

This course allows students to actively participate as a "working" member of a fire department. Students work the 24-hour shift schedule at a local fire department (excluding class times) and perform the same duties as the firefighters. Evaluation is determined by fire department officials and the course instructor. Instructor approval required to establish class schedule.

Off Campus

503-120-3Z1A	DS	TBA	TBA-TBA	01/24-05/09
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503-127 Fire Service/Changing Technologies 2.00 CR

S282.46 PREREQUISITES: NONE

This course concentrates on the identification and application of the ever-changing advancement in technology and its impact on the fire service. Students will investigate and use applications and equipment that are reflective of the most recent advancements in fire service technology including; computerized hardware, software, digital media and fire department equipment.

Racine

503-127-3R11	M	01:00P-03:55P	01/24-05/09
503-127-3R1A	Th	09:00A-11:55A	01/20-05/05

503-142 Firefighting Principles I 4.00 CR

S583.92 PREREQUISITES: NONE

This course includes classroom and practical training sessions on the basic fundamentals needed by entry-level firefighters and meets the objectives of the Wisconsin's Firefighter I certification course. Practical training is a major part of the course. Upon completion, students are encouraged to take the certification exam for Firefighter I, State of Wisconsin. This course is equivalent to 503-142 at other WTCS schools.

Racine

503-142-3R1A	F	08:00A-04:25P	01/21-01/21
	F	08:00A-04:25P	01/28-05/06

Students must have successfully completed 24 hours of hazardous materials operations (503-418) in order to be eligible to participate in the Firefighter I certification exam.

503-106 Firefighting Principles II 3.00 CR

S413.19 PREREQUISITES: 503-152 Hazardous Materials

This course is structured for competency-based instruction meeting the requirements of Firefighter Level II. It includes classroom and practical training sessions and meets the objectives of the Wisconsin's Firefighter II certification course. Hazardous Materials Operations is included in this course. Upon completion, students are encouraged to take the certification exam for Firefighter II, State of Wisconsin.

Racine

503-106-3R11	T	01:00P-03:55P	01/25-05/10
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Students must have successfully completed 24 hours of hazardous materials operations (503-418) in order to be eligible to participate in the Firefighter II certification exam.

503-152 Hazardous Materials 4.00 CR

S522.92 PREREQUISITES: NONE

This course examines characteristics relating to hazardous materials, including problems of recognition and mitigation. It prepares students to the Hazardous Material Operations and Technician levels.

Racine

503-152-3R1A	T	08:30A-12:25P	01/25-05/04
	W	09:00A-11:55A	01/25-05/04

503-117 Health and Wellness for Firefighters 3.00 CR

S347.44 PREREQUISITES: NONE

Students gain an overview of the physical, emotional, intellectual, and social dimensions of health and sustained wellness. They apply physical training techniques developed for the specific occupational demands of the Fire Service. Students will prepare for the Fire Service Candidate Physical Ability Test (CPAT), which is designed to help fire departments measure the physical ability of candidates to perform routine fire fighting tasks.

Racine

503-117-3R11	M	06:00P-08:55P	01/24-05/09
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503-139 Principles of Emergency Services 3.00 CR

S347.44 PREREQUISITES: NONE

This course provides an overview of: fire protection; career opportunities in fire protection and related fields; philosophy and history of fire protection/service; fire loss analysis; organization and function of public and private fire protection services; fire departments as part of local government; laws and regulations affecting the fire service; and fire service nomenclature. This course is equivalent to 503-139 at other WTCS schools.

Racine

503-139-3R1A	Th	09:00A-11:55A	01/20-05/06
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Off Campus

503-139-3Z1B	YOCT	TTh	12:30P-02:45P	01/25-05/05
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503-156 Strategies, Tactics & Incident Mgmt 4.00 CR

S461.92 PREREQUISITES: 503-139 Principles of Emergency Services and 503-142 Firefighting Principles I and 503-143 Building Construction

This course provides an in-depth analysis of the principles of emergency response through utilization of an incident management system and prepares students to pursue current national ICS training requirements.

Racine

503-156-3R1A	F	08:30A-12:25P	01/21-05/06
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Fluid Power Technology

612-102 Pneumatics/Hydraulics - Introduction 3.00 CR

S372.69 PREREQUISITES: NONE

The fundamental principles and physical laws governing fluid power and pneumatics are studied. The operation of the various control valves and actuators will be explored through a combination of theory and practical lab exercises.

Kenosha

612-102-3K1A	F	09:10A-11:10A	01/21-05/06
	F	11:10A-01:10P	01/21-05/06

Lakeview Advanced Tech. Center

612-102-3L61	SP	MTWTh	03:30P-09:00P	01/19-05/10
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This course is offered on an open entry self-paced schedule. Each student will meet with the instructor to establish a schedule.

Elkhorn

612-102-3E6A	SP	TTh	03:00P-08:00P	01/20-05/10
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General College: Mathematics

834-110 Elementary Algebra with Applications 3.00 CR

S347.44 PREREQUISITES: 854-769 Algebra Pre-College

This course offers traditional algebra topics with applications. Learners develop algebraic problem solving techniques needed for technical problem solving and for more advanced algebraic studies. Topics include linear equations, exponents, polynomials, rational expressions, and roots and radicals. Successful completion of this course prepares learners to succeed in technical mathematics courses.

Racine

834-110-3R1A	TTh	02:35P-04:05P	01/20-05/10
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Elkhorn

834-110-3E11	M	06:00P-09:00P	01/24-05/09
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Graphics/Printing/ Publishing

204-149 Advanced Webpage Design 3.00 CR

\$441.69 PREREQUISITES: 204-116 Webpage Design for Graphic Designers
Students will build upon the knowledge learned from the prerequisite course. Emphasis will be placed on current webpage editors, while adding video and animation elements to their own website. The course will include current topics in web development. Principles of web design for development and posting of websites will be emphasized.

Off Campus

204-149-3W7A	INET	TBA	TBA-TBA	03/23-05/11
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Additional fees apply to this class — cost is \$441.69. Online course requires Internet connection and software purchase in addition to course fees if students wish to work at home. Alternatively, Gateway Labs in Racine and Elkhorn may be used to complete the course. Are you ready for Distance Learning? Find out by completing the READI Assessment.

204-142 Applied Exit Strategies/Display Graphics 3.00 CR

\$411.69 PREREQUISITES: NONE
COREQUISITES: 204-109 Graphic Design Professional Practices
Students will focus on resume, portfolio development and interview practices. Career exploration, professional practices, networking will also be discussed. All aspects of this course will lend to the professional development of the individual student. In order to showcase and promote the accomplishments of the student, a graduate design display requirement will be met at the Annual Student Design Show.

Racine

204-142-3R1A		MW	09:10A-11:10A	01/19-05/09
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Elkhorn

204-142-3E1A		W	12:25P-04:25P	01/19-05/04
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204-145 Authoring Tools - Flash 2.00 CR

\$274.46 PREREQUISITES: NONE
Students will use authoring tools to create an interactive program that can function independently. They will also explore multimedia creations in existence for education and training. Students will explore a variety of multimedia products and creations being designed today including presentation, entertainment, publishing, advertising, and training. Experience with authoring programs and technology on both the Macintosh and the PC will be emphasized.

Racine

204-145-3R61	SP	M	06:00P-10:00P	01/21-05/06
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Self-paced course allows student flexibility and independent work. E-mail hannemans@gtc.edu for details. Software: IMovie, Final Cut, Premier.

204-105 Computer Illustration/Drawing Techniques 3.00 CR

\$441.69 PREREQUISITES: NONE
Students will use a variety of illustrations and graphic design software for illustration, technical drawing, composition, and implementation of created art into page layout. Students will also incorporate traditional drawing skills and scanning methods into their digital illustrations and drawings. Composition, digital color specification and current graphic design trends will be emphasized.

Off Campus

204-105-3W7A	INET	TBA	TBA-TBA	01/19-03/09
				See below for additional course information.*
204-105-3W7B	INET	TBA	TBA-TBA	03/23-05/10
				See below for additional course information.*

*Additional fees apply to this class — cost is \$441.69. Online course requires Internet connection and software purchase in addition to course fees if students wish to work at home. Alternatively, Gateway Labs in Racine and Elkhorn may be used to complete the course. Are you ready for Distance Learning? Find out by completing the READI Assessment.

204-126 Design & Publishing 3.00 CR

\$411.69 PREREQUISITES: 204-100 Design Concepts
This course examines the basic concepts of graphic design page layout and focuses on the principles, equipment, software, and workflow used in the design and publishing process. Students will integrate basic marketing principles in their design strategies and will apply graphic design concepts to produce page layout projects. In so doing, they will understand the primary components of design and publishing: research, strategy, input, composition, project development, and output. Using scanners and importing text from other programs are also covered.

Racine

204-126-3R11		T	05:50P-09:50P	01/25-05/10
204-126-3R1A		T	12:25P-04:25P	01/25-05/10

Elkhorn

204-126-3E1A		MW	10:15A-12:15P	01/19-05/09
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204-100 Design Concepts 4.00 CR

\$548.92 PREREQUISITES: NONE
Students will study typography, color, and layout. Studies include symmetrical and asymmetrical compositions, grid method systems, designing with type, image, and the graphic functions of typography. Students will develop an understanding of the basic design principles, including space, line, form, color, and the use of letterforms and design contrasts to convey a visual message. Students will be introduced to target markets and designing for an audience. Projects will be completed with various design media while exploring the importance of working in stages from research to rough idea to finished design work.

Racine

204-100-3R1A		Th	12:25P-05:25P	01/20-05/05
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Off Campus

204-100-3W7A	INET	TBA	TBA-TBA	01/19-03/09
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Additional fees apply to this class — cost is \$588.92. Online course requires Internet connection and software purchase in addition to course fees if students wish to work at home. Alternatively, Gateway Labs in Racine and Elkhorn may be used to complete the course. Are you ready for Distance Learning? Find out by completing the READI Assessment.

204-107 Digital Photography/ Introduction to 3.00 CR

\$411.69 PREREQUISITES: NONE
This course explores the use of digital photography, desktop scanning and photo manipulation software in the creation of photo compositions and support materials for graphic design.

Racine

204-107-3R1A		TTh	09:10A-11:10A	01/20-05/10
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Elkhorn

204-107-3E31	AC	Th	05:50P-09:50P	01/20-03/10
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Off Campus

204-107-3W7A	INET	TBA	TBA-TBA	01/19-03/09
				See below for additional course information.*
204-107-3W7B	INET	TBA	TBA-TBA	03/23-05/10
				See below for additional course information.*

*Additional fees apply to this class — cost is \$441.69. Online course requires Internet connection and software purchase in addition to course fees if students wish to

work at home. Alternatively, Gateway Labs in Racine and Elkhorn may be used to complete the course. Are you ready for Distance Learning? Find out by completing the READI Assessment.

204-115 Digital Photography/Advanced 3.00 CR

\$411.69 PREREQUISITES: 204-107 Digital Photography/ Introduction to Course focuses on advanced use of photomanipulation software including special effects and new applications. In addition, the basics of good photography and its use in the various areas of graphic design will be studied.

Racine

204-115-3R4A AC S 08:05A-12:05P 03/12-05/07

Elkhorn

204-115-3E4A AC Th 05:50P-10:50P 03/12-05/07

204-127 Digital Prepress Fundamentals 3.00 CR

\$411.69 PREREQUISITES: NONE

Students will study basic concepts in digital prepress fundamentals used in preparing graphic design artwork for printing and publishing. They will become familiar with the complete graphic design creation process: from initial concept and planning through to the final printed collateral. Simple color separations and trapped and/or press ready artwork is the main focus of this course. History and discussion of traditional and digital prepress equipment and techniques will be introduced. Customer needs, technical accuracy, prepress troubleshooting issues, timelines, and proofing will be included.

Racine

204-127-3R11 W 05:50P-09:50P 01/19-05/04

204-127-3R1A W 12:25P-04:25P 01/19-05/04

Elkhorn

204-127-3E1A MW 10:15A-12:15P 01/19-05/09

204-129 Field Photography 2.00 CR

\$274.46 PREREQUISITES: NONE

This course will explore the use of cameras, lenses and digital media as they apply to newsworthy photography as well as location and nature photography. Students will learn how to get good shots in fast paced environments like sporting events. Special tools used in field photography will be examined.

Racine

204-129-3R3A AC Th 06:00P-09:00P 01/20-03/10

Elkhorn

204-129-3E3A AC S 10:15A-01:15P 01/22-03/12

204-109 Graphic Design Professional Practices 3.00 CR

\$411.69 PREREQUISITES: 204-126 Design & Publishing

This course introduces students to the workflow of graphic design, from the initial conceptualization of a project to the printed piece. Attention to customer needs, development of presentation materials, and cost estimates are discussed. Students will become familiar with graphic design, job titles and duties. Stress management and time management are incorporated into the course. Legal and ethical issues, as well as those involving copyrights and trademarks, are discussed.

Racine

204-109-3R1A Th 12:25P-04:45P 01/20-05/05

204-162 Graphics for Gaming 1.00 CR

\$128.48 PREREQUISITES: NONE

This course is designed to introduce programming students to graphics and graphics creation. Specifically, the graphics used in computer games will be discussed.

Off Campus

204-162-3W7A INET TBA TBA-TBA 01/19-05/10

Additional fees apply to this class — cost is \$128.48. Online course requires Internet connection and software purchase in addition to course fees if students wish to work at home. Alternatively, Gateway Labs in Racine and Elkhorn may be used to complete the course. Are you ready for Distance Learning? Find out by completing the READI Assessment.

204-125 Illustration Media Concepts 3.00 CR

\$411.69 PREREQUISITES: NONE

This course guides students through an organized experimentation of traditional art media to create images that convey specific messages to viewers. A variety of media is used, including: watercolor, acrylic, oil, pastel, inks, dyes, collage, and computers. Good composition, visual organization, development of creative thinking, and visual problem solving will be emphasized. This course will include a study of perspective, light, shade, and color theory. Current design and color trends will be explored.

Racine

204-125-3R1A TTh 12:25P-05:25P 01/20-05/10

Elkhorn

204-125-3E1A F 08:05A-12:05P 01/21-05/06

Off Campus

204-125-3W7A INET TBA TBA-TBA 03/23-05/10

Additional fees apply to this class — cost is \$441.69. Online course requires Internet connection and software purchase in addition to course fees if students wish to work at home. Alternatively, Gateway Labs in Racine and Elkhorn may be used to complete the course. Are you ready for Distance Learning? Find out by completing the READI Assessment.

204-143 Illustration, Advanced Illustration, Advanced 3.00 CR

\$411.69 Program Counselor consent required

PREREQUISITES: NONE

This course will teach students the basics of using 3D software for design. Animation, modeling and storyboarding will be examined, as well as the technical aspects and vocabulary involved in mastering 3D software. 3D computer graphics will be compared to 2D. Practical applications for 3D software will be examined as they relate to graphic design, web design, and game design.

Racine

204-143-3R1A TTh 09:10A-11:10A 01/20-05/10

204-148 Multimedia Applications 3.00 CR

\$411.69 PREREQUISITES: 204-144 Multimedia PC/Macintosh Introduction and 204-145 Authoring Tools - Flash and 204-146 Video Editing and 204-147 Multimedia Graphics and Animation

This advanced course challenges students to bring all skills learned in previous certificate courses together to create professional quality multimedia tools and applications. Project planning, troubleshooting, and distribution options will be discussed.

Racine

204-148-3R61 SP M 06:00P-10:00P 01/21-05/06

Self-paced course allows student flexibility and independent work. E-mail hannemans@gtc.edu for details. Software: iMovie, Final Cut, Premier.

204-147 Multimedia Graphics and Animation 2.00 CR

\$274.46 PREREQUISITES: NONE

Exploration and creation of graphics for use in multimedia is the focus of this course. Digital camera will be used to capture photographic images. Animation and morphing software will be explored as well as 3-D programs and special effects programs.

An emphasis will be placed on experiencing a wide variety of alternative media. Instruction will be given on the use of online services to access the vast expanse of quickly changing information as well as downloading graphics, video, and sound for use in projects.

Racine

204-147-3R61 SP M 06:00P-10:00P 01/21-05/06
Self-paced course allows student flexibility and independent work. E-mail hannemans@gtc.edu for details. Software: iMovie, Final Cut, Premier.

204-120 Multimedia Survey 3.00 CR

S411.69 PREREQUISITES: NONE

This course offers tips on presentation design and the use of multimedia in the graphic design field. Students will learn how to create slides, overheads, and on screen presentations. Transition effects and the use of sound and video will be incorporated into on screen presentations. Students will create an interactive portfolio and at least one presentation for class demonstration.

Racine

204-120-3R1A F 09:10A-01:10P 01/21-05/06
204-120-3R61 SP M 06:00P-10:00P 01/24-05/09
Self-paced course allows student flexibility and independent work. E-mail hannemans@gtc.edu for details. Software: Powerpoint, iMovie, Premier.

Elkhorn

204-120-3E1A TTh 08:05A-10:05A 01/20-05/10

204-130 Studio Lighting and Tools 2.00 CR

S274.46 PREREQUISITES: NONE

Students will examine lighting, drapes, reflectors and special studio photography tools, for a variety of subjects. Shutter and aperture settings will be explained. Commercial photography, portraiture, food photography and macro photography will be explored. Students will plan photo shoots and coordinate all aspects of a shoot.

Racine

204-130-3R3A AC Th 06:00P-09:00P 03/24-05/05

Elkhorn

204-130-3E3A AC S 10:15A-01:15P 03/26-05/07

204-146 Video Editing 2.00 CR

S274.46 PREREQUISITES: NONE

Students will learn how to capture sound and video through the use of recording devices and a digital camera and camcorder. These elements will be incorporated into presentations and programs. An emphasis will be placed on the various file formats available to import and export files across multimedia programs.

Racine

204-146-3R61 SP M 06:00P-10:00P 01/21-05/06
Self-paced course allows student flexibility and independent work. E-mail hannemans@gtc.edu for details. Software: iMovie, Final Cut, Premier.

204-116 Webpage Design for Graphic Designers 3.00 CR

S411.69 PREREQUISITES: 204-107 Digital Photography/ Introduction to

Students will examine the appearance and structure of existing web pages using a browser, and learn how to design their own home pages. An emphasis will be placed on using current web page design software to create pleasing on-line documents that follow the principles of good graphic design and marketing.

Racine

204-116-3R1A M 12:25P-04:25P 01/24-05/09

Elkhorn

204-116-3E1A TTh 10:15A-12:15P 01/24-05/09

Off Campus

204-116-3W7A INET TBA TBA-TBA 01/19-03/09

Additional fees apply to this class — cost is \$441.69. Online course requires Internet connection and software purchase in addition to course fees if students wish to work at home. Alternatively, Gateway labs in Racine and Elkhorn may be used to complete the course work. Are you ready for Distance Learning? Find out by completing the READI Assessment.

Health Information Technology

530-195 Applied Coding 2.00 CR

S232.96 Program Counselor consent required

PREREQUISITES: NONE

COREQUISITES: 530-185 Reimbursement in Healthcare

This course prepares students to assign ICD and CPT/HCPCS codes supported by medical documentation with an intermediate level of proficiency. Students will prepare appropriate physician queries in accordance with compliance guidelines and will assign codes to optimize appropriate reimbursement.

Racine

530-195-3RMA BLND W 12:25P-02:25P 01/19-05/04

Burlington

530-195-3BM1 BLND W 04:45P-06:45P 01/19-05/04

This class is blended. Students must know how to use Blackboard.

530-184 CPT-4 Coding 3.00 CR

S353.19 PREREQUISITES: 530-181 The Health Record, Introduction to and 530-182 Human Diseases for the Health

This course teaches coding of physicians' procedures and services using the HCPCS/CPT system, including basic coding principles and guidelines and coding from operative reports and other medical record documentation.

Racine

530-184-3RMA BLND M 09:10A-11:10A 01/24-05/09

Burlington

530-184-3BM1 BLND T 04:45P-05:45P 01/25-05/10
T 05:45P-06:45P 01/25-05/10

This class is blended. Students must know how to use Blackboard.

530-176 Health Data Management 2.00 CR

S235.46 PREREQUISITES: 530-172 Healthcare Delivery Systems and 530-181 The Health Record, Introduction to

This course introduces the use and structure of health care data elements, data sets, data standards, their relationship to primary and secondary record systems, and health information processing.

Racine

530-176-3RMA BLND TTh 10:15A-10:45A 01/20-05/10
TTh 10:45A-11:45A 01/20-05/10

530-193 Healthcare Quality Management 2.00 CR

S232.96 PREREQUISITES: 530-177 Healthcare Statistics and Research

This course explores the programs and processes used to maintain quality in healthcare, addressing regulatory requirements as related to quality improvement, utilization (case) management, risk management, and medical staff credentialing through the use of quality improvement methodologies and tools.

Racine

530-193-3RMA BLND W 11:20A-12:20P 01/19-05/04

530-194 HIM Organizational Resources 2.00 CR

\$232.96 Program Counselor consent required
 PREREQUISITES: NONE
 COREQUISITES: 530-193 Healthcare Quality Management

This course is a study of the principles of management, including planning, organizing, human resource management, directing, and controlling as related to the health information department.

Racine
 530-194-3RMA BLND M 11:20A-01:20P 01/24-05/09

530-182 Human Diseases for the Health Professions 3.00 CR

\$347.44 Program Counselor consent required
 PREREQUISITES: 501-101 Medical Terminology and 806-189 Anatomy, Basic or 806-177 General Anatomy and Physiology

This course focuses on the common diseases of each body system as encountered in all types of health care settings by health information professionals. Emphasis is placed on understanding the etiology (cause), signs and symptoms, diagnostic tests, and treatment (including pharmacologic) of each disease.

Racine
 530-182-3RMA BLND TTh 12:25P-02:25P 01/20-05/10

530-196 Professional Practice Experience I 3.00 CR

\$353.19 PREREQUISITES: 530-177 Healthcare Statistics and Research and 530-178 Healthcare Legal and Ethical Issues and 530-183 ICD-9-CM Coding
 COREQUISITES: 530-184 CPT-4 Coding

The first of a two-semester sequence of supervised clinical experiences in health care facilities, this course provides application of previously acquired skills and knowledge with clinical experiences in the technical procedures of health record systems and discussion of clinical situations.

Racine
 530-196-3R1A M 01:30P-02:30P 01/24-05/09
 F 08:05A-02:05P 01/21-05/06

530-198 Professional Practice Experience II 3.00 CR

\$353.19 PREREQUISITES: 530-196 Professional Practice Experience I and 530-190 Healthcare Information Systems
 COREQUISITES: 530-193 Healthcare Quality Management and 530-194 HIM Organizational Resources and 530-195 Applied Coding

The second of a two semester sequence of supervised technical and managerial clinical experiences in health care facilities, this course provides application of previously acquired skills and knowledge and discussion of clinical situations, preparation for the certification examination, and pre-graduation activities.

Racine
 530-198-3R1A TWTh 09:10A-03:10P 05/31-06/02
 MTWThF 08:05A-02:05P 05/12-05/27

530-185 Reimbursement in Healthcare 2.00 CR

\$232.96 PREREQUISITES: 530-182 Human Diseases for the Health and 530-183 ICD-9-CM Coding
 COREQUISITES: 530-184 CPT-4 Coding

This course prepares students to compare and contrast health care payers and to comply with regulations related to fraud and abuse. Specific topics include inpatient and outpatient payment systems, fraud and abuse issues regarding coding of health care services, and an illustration of the reimbursement cycle. Students assign Diagnosis Related Groups (DRGs), Ambulatory Payment Classifications (APCs), and Resource Utilization Groups (RUGs) with entry-level proficiency, using computerized encoding and grouping software.

Racine
 530-185-3RMA BLND W 09:10A-11:10A 01/19-05/04

Burlington
 530-185-3BM1 BLND W 06:55P-08:55P 01/19-05/04

This class is blended. Students much know how to use Blackboard.

Horticulture

001-145 Floral Design II/Commercial 3.00 CR

\$507.69 PREREQUISITES: 001-144 Floral Design I/Commercial
 Hands-on use of fresh flowers, fresh foliages, dried materials, silks and fruit in the more advanced floral designs. Emphasis will also be given to today's color theory as well as development of floral creativity.

Kenosha
 001-145-3K1A MW 01:30P-04:30P 01/19-05/09

001-178 Fruit and Vegetable Science 3.00 CR

\$372.69 PREREQUISITES: NONE
 Students will study methods of vegetable and fruit gardening and become familiar with basic vegetables, tree fruits, and small fruits. Organic growing methods, composting, pest and disease control, and self-sustaining gardening methods will be discussed in detail. Field trips to market gardens and orchards will be central to the course.

Kenosha
 001-178-3K11 Th 04:45P-06:45P 01/20-05/05
 Th 06:45P-08:45P 01/20-05/05

001-151 Greenhouse Crops 3.00 CR

\$372.69 PREREQUISITES: NONE
 Focuses on growing cut flowers, potted plants and foliage plants in a greenhouse. Provides practical experience in growing/maintaining crops using equipment, and solving problems. Includes field trips to commercial greenhouse operations.

Kenosha
 001-151-3K1A W 09:10A-11:10A 01/19-05/04
 W 11:10A-01:10P 01/19-05/04

001-122 Horticulture Business Operations 3.00 CR

\$372.69 PREREQUISITES: NONE
 Simulated operation of horticulture industries utilizing principles of marketing, economics and office management. Includes hands-on practice on computers used in each branch of the horticulture industry. Field trips and practice work are involved.

Kenosha
 001-122-3K1A M 09:10A-11:10A 01/24-05/09
 M 11:10A-01:10P 01/24-05/09
 001-122-3KM1 BLND T 04:45P-06:45P 01/25-05/10

This blended class requires on-line work in addition to the face-to-face class times shown in the schedule.

001-176 Horticulture Internship 3.00 CR

\$347.44 PREREQUISITES: NONE
 Elective for approved work experience in a Horticulture establishment. Provides practical experience in a variety of horticulture businesses. Students are advised by and responsible to the horticulture staff to whom they are assigned.

Kenosha
 001-176-3K6A SP TBA TBA-TBA 01/19-05/10

001-117 Landscape Design/Advanced 3.00 CR

\$372.69 PREREQUISITES: 001-140 Landscape Design/Introduction
Advanced study of landscaping designed to fine-tune landscape drawing techniques. Course focuses on landscape construction methods, Japanese-style design principles, designing for energy conservation and how to attract wildlife. Labs include drawing plans and blueprinting.

Kenosha

001-117-3KMA	BLND	Th	01:30P-03:30P	01/20-05/05
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This blended class requires on-line work in addition to the face-to-face class times shown in the schedule.

001-136 Landscape Management 3.00 CR

\$372.69 PREREQUISITES: NONE
Maintenance of industrial, public, institutional, and private grounds. Also covers operation and management of an ornamental nursery. Labs include pruning, balling and burlapping, procedures for preventing winter injury, and field trips.

Kenosha

001-136-3K11		W	04:45P-06:45P	01/19-05/04
		W	06:45P-08:45P	01/19-05/04

001-132 Landscape Plants II 3.00 CR

\$372.69 PREREQUISITES: NONE
Continued emphasis on identification and evaluation of landscape plants with emphasis on evergreen landscape materials.

Kenosha

001-132-3K1A		T	01:30P-03:30P	01/25-05/10
		T	03:30P-05:30P	01/25-05/10

001-120 Landscaping/Interior 3.00 CR

\$372.69 PREREQUISITES: NONE
Studies choosing plants to create pleasing and professional interior displays. Includes diagnosing and solving plant problems, drawing plans, and writing maintenance contracts. Labs provide hands-on experience and field trips to exemplary interior landscapes.

Kenosha

001-120-3K1A		T	09:10A-11:10A	01/25-05/10
		T	11:10A-01:10P	01/25-05/10

001-152 Perennials 3.00 CR

\$377.44 PREREQUISITES: NONE
This course covers the identification, growing and use of common herbaceous perennial plants in the landscape. Propagation, scheduling, and problem identification/solutions will also be taught.

Off Campus

001-152-3K7A	INET	TBA	TBA-TBA	01/19-05/10
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Additional fees apply to this class — cost is \$377.44

001-102 Plant Pests and Control 3.00 CR

\$372.69 PREREQUISITES: NONE
The identification and control of insects, diseases, and weeds of importance to the commercial horticulturist will be covered. The course emphasizes an integrated pest management approach in diagnosing pest problems and identifying the combination of biological, cultural, physical, and chemical control methods to be used. Rules and regulations regarding environmental and personal pesticide safety are taught. Students have the option to become state certified pesticide operators.

Kenosha

001-102-3K1A		Th	09:10A-11:10A	01/20-05/05
		Th	11:10A-01:10P	01/20-05/05

001-141 Soils and Plant Nutrition 3.00 CR

\$372.69 PREREQUISITES: NONE
Covers physical, chemical and biological properties of soils/media. Includes soil conservation practices and composting. Labs involve soil testing and soil improvement.

Kenosha

001-141-3K1A		F	09:10A-11:10A	01/21-05/06
		F	11:10A-01:10P	01/21-05/06

Hospitality

109-144 Hospitality Internship 3.00 CR

\$347.44 PREREQUISITES: 109-110 Housekeeping Management and 109-111 Front Office Management and 109-145 Conference Center Internship and 109-171 Hospitality Sales and Marketing

Students learn and perform duties of at least one position at a hospitality related business. Some examples of eligible businesses are hotels, restaurants, entertainment venues, tourism information centers and convention bureaus. Time is scheduled every other week for sharing insight about the experience with the instructor and other students.

Elkhorn

109-144-3E1A		M	12:25P-01:25P	01/24-05/09
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109-137 Hospitality Portfolio 1.00 CR

\$118.48 PREREQUISITES: 109-136 Lodging Field Experience and 109-144 Hospitality Internship

Hospitality students will go through the process of developing a personal portfolio that will include samples of their work, letters of reference, a resume, and other pertinent career search and employment information, which can be used during employment interviews.

Elkhorn

109-137-3E1A	DS	F	10:15A-11:15A	01/21-05/06
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109-171 Hospitality Sales and Marketing 3.00 CR

\$401.94 PREREQUISITES: NONE
Apply marketing techniques to hospitality industry. Emphasis given to convention and group sales concepts. Preferences and considerations of various market segments are addressed.

Off Campus

109-171-3Z1A		T	01:30P-05:30P	01/25-05/10
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This class meets at the Grand Geneva Resort - Swinghurst Room

109-101 Hospitality/Principles of 3.00 CR

\$347.44 PREREQUISITES: NONE
Introduction to origin, development, current scope, future outlook of hospitality field. Prepares student to interact with people, social and corporate etiquette addressed.

Elkhorn

109-101-3E1A		Th	09:10A-12:10P	01/21-05/05
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109-110 Housekeeping Management 3.00 CR

\$401.94 PREREQUISITES: NONE
Communications, guest services and housekeeping departments are examined. Management techniques common to all departments include scheduling, inspection and documentation of staff functions. Personal skills necessary for interacting with guests are evaluated.

Off Campus

109-110-3Z1A		Th	01:30P-05:30P	01/20-05/05
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This class meets at the Grand Geneva Resort in Lake Geneva.

109-107 Legal Aspects of Hospitality Management 3.00 CR

S401.94 PREREQUISITES: NONE

Identifies the role of management in avoiding criminal or tortious legal difficulties. Applies legal principles to the development, implementation, and supervision of hospitality-based management programs.

Elkhorn

109-107-3E1A W 10:15A-02:15P 01/19-05/04

109-136 Lodging Field Experience 1.00 CR

S118.48 PREREQUISITES: NONE

COREQUISITES: 109-101 Hospitality/Principles of

OTHER REQUISITES: Medic First Aid Certification CPR B/C

Observation and some hands-on experience in the front office and housekeeping areas of a lodging property. Time is also spent in at least one other department determined by the student, instructor and property-based supervisor.

Elkhorn

109-136-3E1A F 09:10A-10:10A 01/21-05/06

Human Services

520-152 Aspects of Disabilities 3.00 CR

S347.44 PREREQUISITES: NONE

This course is an introduction to the history of services and legislative processes involved in provision of services to people with disabilities. It is a review of medical diseases and disabilities, including etiology, physiology, prognosis, and impact on disabled individuals and their environment.

Racine

520-152-3R1A T 01:30P-04:30P 01/25-05/10

Off Campus

520-152-3W7A INET TBA TBA-TBA 01/19-05/10

Additional fees apply to this class — cost is \$377.44

520-128 Child Welfare Policy and Practice 3.00 CR

S347.44 PREREQUISITES: 520-101 Human Services/Introduction

This class helps the student examine the economic, social, and political aspects of children's issues. It also addresses the U.S. welfare system, including proprietary, private, voluntary, and governmental agencies.

Racine

520-128-3R11 M 05:50P-08:50P 01/24-05/09

Off Campus

520-128-3W7A INET TBA TBA-TBA 01/19-05/10

Additional fees apply to this class — cost is \$377.44

520-110 Community Resources and Services 3.00 CR

S347.44 PREREQUISITES: NONE

This course seeks to expose the student to a wide variety of community agencies, resources, and programs through the use of guest speakers and site visits. The functions, funding, clients served, eligibility requirements, and referral procedures of the agency will be emphasized.

Racine

520-110-3R11 M 05:50P-08:50P 01/24-05/09

520-110-3R1A Th 09:10A-12:10P 01/20-05/05

Off Campus

520-110-3W7A INET TBA TBA-TBA 01/19-05/10

Additional fees apply to this class — cost is \$377.44

520-160 Correctional Processes 3.00 CR

S347.44 PREREQUISITES: NONE

A study of present correctional policies and processes in the criminal justice field as it affects today's society in terms of deterrents and rehabilitation and a look at future trends.

Racine

520-160-3R11 Th 05:50P-08:50P 01/20-05/05

520-115 Counseling/Introduction to 3.00 CR

S347.44 PREREQUISITES: 520-105 Interviewing Principles & Recordkeeping

This course is designed to provide the student with an overview of the major counseling theories, their techniques and the applications of these to various situations. The student will be able to practice the use of these counseling techniques in initiating, structuring and terminating a counseling session.

Racine

520-115-3R11 W 04:45P-08:45P 01/19-05/04

520-115-3R1A TTh 01:30P-03:30P 01/20-05/10

Off Campus

520-115-3R12 Th 04:45P-08:45P 01/20-05/05

520-151 Family Theory and Practice 3.00 CR

S347.44 PREREQUISITES: NONE

Provides the student with a broad understanding of family systems theory. The student will apply knowledge of structural family theory and brief strategic family theory in case studies. The student will also analyze case situations involving violence within the family system.

Kenosha

520-151-3K11 Th 05:50P-08:50P 01/20-05/05

Racine

520-151-3R11 T 05:50P-08:50P 01/25-05/10

520-151-3R1A F 09:10A-12:10P 01/21-05/06

520-151-3R9A S 09:10A-12:10P 01/22-05/07

520-150 Gerontology/Introduction to 3.00 CR

S347.44 PREREQUISITES: NONE

Identifies basic theories and facts about the aging process leading toward application of methods and techniques of serving the aged. Student will be encouraged to develop an understanding of the psychological and sociological experience of the older adult population.

Racine

520-150-3R1A M 09:10A-12:10P 01/24-05/09

Off Campus

520-150-3W7A INET TBA TBA-TBA 01/19-05/10

Additional fees apply to this class — cost is \$377.44

520-140 Group Counseling 3.00 CR

S347.44 PREREQUISITES: NONE

COREQUISITES: 520-115 Counseling/Introduction to

The focus of this course is on the group dynamics and group process. Various counseling approaches and their application to group work will be explored along with the developmental stages of groups. Individual behaviors and motivations in both task and counseling groups will be identified. Emphasis will be placed on extensive role-play situations for knowledge and skill integration.

Racine

520-140-3R11 T 04:45P-08:45P 01/25-05/10

520-140-3R12 M 04:45P-08:45P 01/24-05/09

520-140-3R1A MW 01:30P-03:30P 01/19-05/09

520-140-3R1B TTh 10:15A-12:15P 01/20-05/10

520-124 Human Service Field Experience 3.00 CR

\$347.44 PREREQUISITES: 520-140 Group Counseling
The student is given an opportunity to demonstrate an understanding of social work skills and techniques under supervision in a working situation. Consent of advisor. The class will meet in a weekly seminar to monitor progress and address concerns.

Racine			
520-124-3R21	Th	04:45P-05:45P	01/20-05/05
520-124-3R2A	F	01:30P-02:30P	01/21-05/06

520-121 Human Service Field Experience II 3.00 CR

\$347.44 PREREQUISITES: 520-124 Human Service Field Experience
The student is given the opportunity to demonstrate understanding of more advanced social work skills and techniques used in the field. Consent includes development of case project using materials drawn from agency setting. This course will meet in a weekly seminar to monitor progress and address concerns.

Racine			
520-121-3R21	T	04:45P-05:45P	01/25-05/10
520-121-3R2A	M	01:30P-02:30P	01/24-05/09

520-101 Human Services/Introduction 3.00 CR

\$347.44 PREREQUISITES: NONE
An overview of human services, types of agencies and delivery systems and human service as a career field. Emphasis will be on developing the generalist concept and the role of the associate degree human service worker.

Kenosha			
520-101-3K11	T	05:50P-08:50P	01/25-05/10

Racine			
520-101-3R11	Th	05:50P-08:50P	01/20-05/05
520-101-3R1A	T	09:10A-12:10P	01/25-05/10
520-101-3R1B	F	01:30P-04:30P	01/21-05/06
520-101-3R9A	S	09:10A-12:10P	01/22-05/07

520-105 Interviewing Principles & Recordkeeping 3.00 CR

\$347.44 PREREQUISITES: NONE
Introduction to interviewing and recordkeeping skills as practiced in human services agencies, including social history, summary recording, case assessment and planning.

Kenosha			
520-105-3K11	M	04:45P-08:45P	01/24-05/09

Racine			
520-105-3R11	T	04:45P-08:45P	01/25-05/10
520-105-3R1A	TTh	01:30P-03:30P	01/20-05/10
520-105-3R1B	WF	10:15A-12:15P	01/19-05/06
520-105-3R9A	S	12:25P-04:25P	01/22-05/07

520-127 Professional Practices in Human Services 3.00 CR

\$347.44 PREREQUISITES: NONE
This course prepares students to enter the human services profession and maintain effectiveness as a human service practitioner. Emphasis will be placed on gaining a working knowledge of professional codes of ethics. Students will explore social/ethical issues that impact the profession. Professional credentialing, continuing education, and maintaining vitality within the field will be stressed.

Racine			
520-127-3R11	W	05:50P-08:50P	01/19-05/04
520-127-3R1A	M	12:25P-03:25P	01/24-05/09

Off Campus			
520-127-3W7A	INET	TBA	TBA-TBA 01/19-05/10

Additional fees apply to this class — cost is \$377.44

520-127-3W7B	TBA	TBA-TBA	TBA-TBA
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Industrial Equip Mechanic

462-103 Mechanical Power Transmission 3.00 CR

\$431.19 PREREQUISITES: 628-109 Mechanical Skills for Technicians
Students will learn bearing design and application, bearing failure and analysis, properties of lubrication and correct lubrication procedures, gear drives, belt drives, gear reduction units, and chain and shaft drives. Troubleshooting and maintenance of these types of power transmissions will be emphasized.

Racine			
462-103-3R11	W	04:45P-09:45P	01/19-05/04

Interior Design

304-104 Advanced Technology for Interior Design 3.00 CR

\$353.19 Instructor consent required
PREREQUISITES: 304-103 AutoCAD, Introduction to and 304-115 Drafting for Interiors

Students will learn to integrate technology across different phases of design and learn to produce well composed and thorough designs quickly and efficiently. The student will develop a strategic overview of the design process, examining how different software can be best woven into the traditional phases of an interior design project and demonstrate tactics within those programs to optimize workflow and interoperability. By lining the standard phases and processes of an interior design project with the capabilities of the software most commonly used student will produce enhanced deliverables such as presentations, renderings and construction drawings.

Kenosha			
304-104-3K1A	F	09:10A-01:10P	01/21-05/06

304-118 Art History 3.00 CR

\$377.44 PREREQUISITES: NONE
Briefly traces western arts from prehistoric through contemporary art. Surveys Oriental and American art. Delves into the complexities of artwork, created by females. Makes application to the field of Interior Design, including art media, techniques, art terms, current artists, replica art methods, and resources for original and duplicate artworks. CD-ROM, internet computer programs, slides, videos, and prints provide visual sources as well as a beautifully illustrated textbook with thousands of examples. This class is culturally and educationally expanding for the student.

Off Campus			
304-118-3W7A	INET	TBA	TBA-TBA 01/21-05/06

Additional fees apply to this class — cost is \$377.44. Additional fees apply to this class. This Internet delivery course requires a computer with access to the Internet. Your instructor will notify you via your Gateway student e-mail account on how to get started on the first day of school. Computers in Gateway's computer labs are available for student use.

304-195 Global Interior Design Field Study 1.00 CR

\$118.48 PREREQUISITES: NONE
This class provides the opportunity for students to investigate the interior design industry, learn about global markets, cultural and design influences on products in the industry, how to forecast market trends, and apply networking skills to professional venues.

Kenosha			
304-195-3K1A	M	11:20A-12:20P	01/24-05/09

304-101 History of Furniture and Decorative Arts 3.00 CR

S347.44 PREREQUISITES: NONE

Emphasizes the history of decorative arts from ancient times through the technological era especially concerning furnishings and interiors. Interior design careers, projects and markets are surveyed.

Kenosha

304-101-3KMA	BLND	T	01:30P-03:30P	01/20-05/10
		Th	01:30P-02:30P	01/20-05/10

This course will be offered in the blended format and require both on campus and internet participation. This class meets face-to-face Tuesday Jan 20, 25; Feb 1, 8, 15, 22; Mar 1, 8, 22, 29; April 5, 12, 19, 26; May 1, 10, and 12. Remaining work is done online Thursday Jan 27, Feb 3, 10, 17, 24, Mar 3, 10, 24, 31, Apr 7, 14, 21, 28 and May 5.

304-147 Interior Design Internship and Portfolio Development 2.00 CR

S232.96 PREREQUISITES: NONE

COREQUISITES: 304-146 Interior Project Design, Advanced

Introduces students to entry level interior design work experiences and career planning skills. The course objectives are to provide students with an awareness of the interior design field, through practical experiences, and knowledge in preparing for the career search. Students will participate in discussions related to; workplace issues, career opportunities, networking, professional development, and interview techniques. The learner will also gain knowledge in preparing career search materials and a professional portfolio. The interior design internship is a collaborative agreement between the business, the student, and the interior design faculty coordinator from Gateway Technical College. Students will select an area of interest in the interior design field to complete the required 72 hours of internship experience. The appropriate student/employer match can be directed by either the student and/or instructor. A student seeking internship credit hours that comply with NKBA requirements (National Kitchen and Bath Association) may combine internship hours from this course with those accumulated from course #304-148, Interior Design Internship II.

Kenosha

304-147-3K1A		W	01:30P-02:30P	01/19-05/04
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In addition to classroom meetings students will complete 72 hours of internship at a business of their choice, and be responsible for their own transportation. Obtaining the internship may be self directed or with the guidance of the instructor. All internship positions must have prior approval of the instructor and business supervisor.

304-106 Interior Lighting/Fundamentals of 3.00 CR

S347.44 PREREQUISITES: 304-115 Drafting for Interiors and 304-140 Rendering Techniques

Students will study interior lighting application, assess client and site requirements, use compositional techniques for lighting design, evaluate construction constraints, select light sources and fixtures, and communicate the design through drawings and documents.

Kenosha

304-106-3K6A	SP	TBA	TBA-TBA	01/20-05/10
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304-133 Interior Materials, Finishes, & Products 3.00 CR

S347.44 PREREQUISITES: NONE

Focuses on identifying building materials to satisfy the design criteria. Students will learn appropriate selection of: materials, finishes, and products based on their properties, sustainability, performance criteria, installation methods, and maintenance requirements. Additionally insight will be gained in procedures within the construction

industry from; organizational culture, to the interior designer's role, responsibilities and documentation of specifications.

Kenosha

304-133-3K1A		TTh	11:20A-12:50P	01/20-05/10
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304-146 Interior Project Design, Advanced 3.00 CR

S353.19 PREREQUISITES: 304-101 History of Furniture and Decorative Arts and 304-102 Interior Design, Principles of and 304-103 AutoCAD, Introduction to and 304-106 Interior Lighting/Fundamentals of and 304-115 Drafting for Interiors and 304-116 Kitchen and Bathroom Planning and 304-117 Color Theory and 304-122 Textiles and 304-123 Business of Interior Design and 304-127 Interior Space Plan and Design and 304-133 Interior Materials, Finishes, & Products and 304-140 Rendering Techniques
COREQUISITES: 304-147 Interior Design Internship and Portfolio and 104-114 Selling Techniques

The design of large scale spaces is studied with actual experience in designing residential and commercial interiors. The course includes an exploration of complete solutions based on client criteria, space analysis, codes, standards, budget factors, selection and specification of; materials, finishes, fixtures, and products. The student will use computer technologies in the design and presentation process.

Kenosha

304-146-3K1A		W	09:10A-01:10P	01/19-05/04
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304-140 Rendering Techniques 3.00 CR

S353.19 PREREQUISITES: NONE

This course will introduce students to a broad range of drawing and rendering methods. Floor plan, elevation, one, two, and three point perspectives are used in illustration of furnishings and room interiors are discussed. Surveys use of neutral and color media, shadow, texture, signage and presentation techniques.

Kenosha

304-140-3K1A		MW	09:10A-11:10A	01/10-05/09
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Interpreter Technology

533-104 ASL 2 4.00 CR

S461.92 Instructor consent required

PREREQUISITES: 533-102 ASL 1 and 533-103 Practicum I

This is a continuation in the development from phrases and simple sentences to complex structures. It will focus on the development of conversational American Sign Language skills.

Elkhorn

533-104-3E1A		TTh	08:30A-11:55A	01/20-05/10
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533-110 ASL 4/Interpreting 4.00 CR

S461.92 Program Counselor consent required

PREREQUISITES: 533-107 ASL 3/Introduction to Interpreting

This course will expand the student's ability to interpret from American Sign Language to English and from English to ASL. The full spectrum of simple sentences to complex ASL sentences and idioms will be developed.

Elkhorn

533-110-3E1A		MW	08:30A-11:55A	01/19-05/09
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533-115 ASL Skillbuilding 3 1.00 CR

S118.48 PREREQUISITES: NONE

Students will practice ASL communication skills learned in ASL III/Introduction to Interpreting with an emphasis on improving vocabulary and technique.

Elkhorn

533-115-3E1A		M	02:00P-04:00P	01/24-05/09
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533-116 ASL Skillbuilding 4 1.00 CR

S118.48 PREREQUISITES: NONE
Students will practice ASL communication skills learned in ASL IV/Interpreting with an emphasis on improving vocabulary and technique.

Elkhorn
533-116-3E1A M 02:00P-04:00P 01/24-05/09

533-118 ASL Skillbuilding 6 1.00 CR

S118.48 PREREQUISITES: 533-113 ASL Skillbuilding 1 and 533-114 ASL Skillbuilding 2 and 533-115 ASL Skillbuilding 3 and 533-116 ASL Skillbuilding 4

Students will practice ASL communication skills with an emphasis on receptive storytelling techniques.

Elkhorn
533-118-3E1A M 02:00P-04:00P 01/24-05/09

533-105 Cultural Sensitivity in Interpreting 2.00 CR

S252.96 Instructor consent required
PREREQUISITES: 533-103 Practicum I

This course will focus on the importance of understanding the cultural norms and values involved in any interpreting assignments. Students will learn how culture impacts the communication process and the importance of producing a culturally accurate interpreted message.

Off Campus
533-105-3W7A INET TBA TBA-TBA 01/19-05/10
Additional fees apply to this class—cost is \$252.96

533-109 Deaf Culture in America 3.00 CR

S377.44 Program Counselor consent required
PREREQUISITES: NONE

This course will expose the students to Deaf culture since its beginnings in the United States. It will discuss famous Deaf Americans and how they have impacted the lives of Deaf and hearing people in America.

Off Campus
533-109-3W7A INET TBA TBA-TBA 01/19-05/10
Additional fees apply to this class—cost is \$377.44

533-120 Interpreting: Sign to Voice 3.00 CR

S347.44 Program Counselor consent required
PREREQUISITES: NONE
COREQUISITES: 533-110 ASL 4/Interpreting

Students will develop the skills necessary to voice signed messages. Students will learn techniques for team interpreting, interrupting speakers, and deciphering fingerspelling. They will develop and hone skills in understanding and matching signer intent of message, affect, and register.

Elkhorn
533-120-3E1A F 08:30A-12:30P 01/21-05/06

533-111 Practicum II 3.00 CR

S347.44 Program Counselor consent required
PREREQUISITES: 533-105 Cultural Sensitivity in Interpreting

In this course the students will observe and participate in activities with Deaf children and/or adults.

Elkhorn
533-111-3E1A TBA TBA-TBA 01/19-05/09

533-112 Professional Development for Interpreter 2.00 CR

S232.96 Program Counselor consent required
PREREQUISITES: NONE
COREQUISITES: 533-110 ASL 4/Interpreting

Emphasis is placed on the importance of following the Code of Ethics for Interpreters; the development of poise and communication techniques for personal and professional success; and the importance of personal appearance and attitudes.

Elkhorn
533-112-3E1A M 12:00P-02:00P 01/24-05/09

IT — Information Technology

107-193 IT Essentials 3.00 CR

S372.69 PREREQUISITES: NONE
COREQUISITES: 107-011 IT in Business

IT Essentials focuses on the relationship between hardware and system software. The course topics include PCs, peripherals, networking, security, troubleshooting, and communication skills. IT Essentials is an introductory course that presents a foundation toward the pursuit of CompTIA A+ certification.

Kenosha
107-193-3K11 M 05:50P-09:50P 01/24-05/09
107-193-3K1A F 08:05A-12:05P 01/21-05/06

Racine
107-193-3R11 M 05:50P-09:50P 01/24-05/09
107-193-3R1A F 08:05A-12:05P 01/21-05/06

Elkhorn
107-193-3E11 M 05:50P-09:50P 01/24-05/09
107-193-3E1A F 08:05A-12:05P 01/21-05/06

Off Campus
107-193-3W7A INET TBA TBA-TBA 01/20-05/09

Additional fees apply to this class—cost is \$402.69. This Internet delivery course requires a computer with access to the Internet, browser software, and an e-mail account. Your instructor will notify you of any additional software requirements for the class. Computers in Gateway's computer labs are available for student use. Information on how to get started will be sent to your Gateway student e-mail account on the first day of school.

107-011 IT in Business 3.00 CR

S372.69 PREREQUISITES: NONE
This course is a basic introduction to Information Technology (IT) and how it impacts our lives. It will focus on how IT professionals implement industry tools and applications throughout businesses. Students will learn proper terminology as well as industry trends and concepts.

Kenosha
107-011-3K11 T 05:50P-09:50P 01/25-05/10
107-011-3K1A MW 09:10A-11:10A 01/19-05/09

Racine
107-011-3R11 T 05:50P-09:50P 01/25-05/10
107-011-3R1A MW 09:10A-11:10A 01/19-05/09

Elkhorn
107-011-3E11 T 05:50P-09:50P 01/25-05/10

Off Campus
107-011-3W7A INET TBA TBA-TBA 01/20-05/09

Additional fees apply to this class—cost is \$402.69. This Internet delivery course requires a computer with access to the Internet, browser software, and an e-mail account. Your instructor will

notify you of any additional software requirements for the class. Computers in Gateway's computer labs are available for student use. Information on how to get started will be sent to your Gateway student e-mail account on the first day of school.

107-177 IT Project Management 4.00 CR

\$496.92 PREREQUISITES: 154-113 IT Apps Server & Support or 152-131 Systems Design and Development

Focus will be on project management from the information systems professional perspective while keeping a customer-based orientation and business focus. Cooperative team-based business strategies will be stressed. Students will develop written and oral communications, as necessary, to complete the steps within the project management process. Project management software will be utilized, within all phases of the systems development as the students progress through a team-based project simulation.

Kenosha

107-177-3K1A IPVID MW 12:25P-02:55P 01/19-05/09
See below for additional course information.*

107-177-3KM1 IPVID,BLND W 05:50P-09:50P 01/19-05/04
See below for additional course information.*

*Based on enrollments, this class may be delivered by a faculty member on a remote campus via live, two-way video.

Elkhorn

107-177-3E1A IPVID MW 12:25P-02:55P 01/19-05/09
See below for additional course information.*

107-177-3EM1 IPVID,BLND W 05:50P-09:50P 01/19-05/04
See below for additional course information.*

*Based on enrollments, this class may be delivered by a faculty member on a remote campus via live, two-way video.

IT – Microcomputer Specialist

154-109 Computer Support Specialist Internship 3.00 CR

\$347.44 Instructor consent required
PREREQUISITES: 154-110 Hardware & Software Troubleshooting
COREQUISITES: 154-113 IT Apps Server & Support
OTHER REQUISITES: Department Approval Adm Rqmt

Establishes an opportunity for the student to apply training and skills in a business/ industrial/ academic work environment. The student will spend 144 hours at the worksite. Student contracts with the employer and the instructor regarding the work agreement and competencies. Classroom hours will include preparation of job portfolio materials and practicing interview techniques.

Kenosha

154-109-3K1A DS Th 02:35P-03:35P 01/20-05/05
Prepare for the job seeking process and acquire real work experience in the Information Technology field. Contact Linda Spaulding at spaulding@gtc.edu for more information on this exciting Internship opportunity.

Elkhorn

154-109-3E1A DS Th 02:35P-03:35P 01/20-05/05
Prepare for the job seeking process and acquire real work experience in the Information Technology field. Contact Paul Nelson at nelsonp@gtc.edu for more information on this exciting Internship opportunity.

154-116 Emerging Technologies & Applications 2.00 CR

\$235.46 PREREQUISITES: 154-112 Data Security & Recovery Support and 154-113 IT Apps Server & Support and 154-114 Hardware & Software Support

Students will research, explore and evaluate new and future hardware and software advancements and trends. Areas to investigate may include contemporary package development applications, collaboration tools, reporting software, and innovative equipment and hardware, as well as new versions of current standards in software and applications.

Kenosha

154-116-3K11 IPVID Th 05:50P-08:50P 01/20-05/05
See below for additional course information.*

154-116-3K1A IPVID W 08:05A-11:05A 01/19-05/04
See below for additional course information.*

*Based on enrollments, this class may be delivered by a faculty member on a remote campus via live, two-way video.

Elkhorn

154-116-3E11 IPVID Th 05:50P-08:50P 01/20-05/05
See below for additional course information.*

154-116-3E1A IPVID W 08:05A-11:05A 01/19-05/04
See below for additional course information.*

*Based on enrollments, this class may be delivered by a faculty member on a remote campus via live, two-way video.

154-115 IT Customer Service Support 3.00 CR

\$353.19 PREREQUISITES: 154-113 IT Apps Server & Support

This capstone class broadens the students' customer service skill set. The course continues to build on end user communication methods, both oral and written. Students will be expected to prepare and deliver end user training, create written and online manuals and FAQs (Frequently Asked Questions), and perform the day-to-day duties in a variety of help desk environments.

Kenosha

154-115-3K11 IPVID T 05:50P-09:50P 01/25-05/10
See below for additional course information.*

154-115-3K1A IPVID TTh 12:25P-02:25P 01/20-05/10
See below for additional course information.*

*Based on enrollments, this class may be delivered by a faculty member on a remote campus via live, two-way video.

Elkhorn

154-115-3E11 IPVID T 05:50P-09:50P 01/25-05/10
See below for additional course information.*

154-115-3E1A IPVID TTh 12:25P-02:25P 01/20-05/10
See below for additional course information.*

*Based on enrollments, this class may be delivered by a faculty member on a remote campus via live, two-way video.

154-119 System Software Support 3.00 CR

\$353.19 PREREQUISITES: 107-193 IT Essentials

Focus will be on the principles of system software and utilities. This course will enable the learner to effectively configure and troubleshoot system software in multiple environments. Students will be introduced to integrated tools within the software and the different methods for interacting with system software. Topics will include Windows command-line, Linux GUI and command-line, emulation/connectivity to other non-PC-based systems and network directory services.

Kenosha

154-119-3K11 Th 05:50P-09:50P 01/20-05/05
154-119-3K1A TTh 09:10A-11:10A 01/20-05/10

Elkhorn

154-119-3E11	Th	05:50P-09:50P	01/20-05/05
154-119-3E1A	TTh	09:10A-11:10A	01/20-05/10

IT — Network Communications

150-133 Message Services Administration 4.00 CR

\$510.92 PREREQUISITES: 150-111 Network Administration - Microsoft
Students will learn to install, configure, and maintain a messaging server. This will include, but not be limited to, preparing for deployment, server installation, creation of user accounts, server management, and disaster recovery.

Off Campus

150-133-3W7A	INET	TBA	TBA-TBA	01/20-05/09
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Additional fees apply to this class — cost is \$510.92. This Internet delivery course requires a computer with access to the Internet, browser software, and an e-mail account. Your instructor will notify you of any additional software requirements for the class. Computers in Gateway's computer labs are available for student use. Information on how to get started will be sent to your Gateway student e-mail account on the first day of school.

150-113 Network Administration - Linux/Unix 4.00 CR

\$470.92 PREREQUISITES: 150-105 Network/Web Concepts, Introduction to Advanced administration concepts and applications will be discussed and implemented. Topics include: implementing an enterprise network that incorporates a host system, multimedia, multiple platforms, UNIX, and other advanced network administration tasks.

Racine

150-113-3R1A	IPVID	MW	10:15A-01:15P	01/19-05/09
			See below for additional course information.*	
150-113-3RM1	IPVID	M	04:45P-07:45P	01/24-05/09
			See below for additional course information.*	

*Based on enrollments, this class may be delivered by a faculty member on a remote campus via live, two-way video.

Elkhorn

150-113-3E1A	IPVID	MW	10:15A-01:15P	01/19-05/09
			See below for additional course information.*	
150-113-3EM1	IPVID	M	04:45P-07:45P	01/24-05/09
			See below for additional course information.*	

*Based on enrollments, this class may be delivered by a faculty member on a remote campus via live, two-way video.

Off Campus

150-113-3W7A	INET	TBA	TBA-TBA	01/20-05/09
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Additional fees apply to this class — cost is \$510.92. This Internet delivery course requires a computer with access to the Internet, browser software, and an e-mail account. Your instructor will notify you of any additional software requirements for the class. Computers in Gateway's computer labs are available for student use. Information on how to get started will be sent to your Gateway student e-mail account on the first day of school.

150-111 Network Administration - Microsoft 3.00 CR

\$353.19 PREREQUISITES: NONE
COREQUISITES: 150-105 Network/Web Concepts, Introduction to
This course is an introduction to basic and intermediate administration tasks in a Windows NT network environment.

Kenosha

150-111-3K1A		MW	01:30P-03:30P	01/19-05/09
150-111-3KM1	IPVID	T	05:50P-07:50P	01/25-05/10

Based on enrollments, this class may be delivered by a faculty member on a remote campus via live, two-way video.

Racine

150-111-3R1A		MW	01:30P-03:30P	01/19-05/09
150-111-3RM1	IPVID	T	05:50P-07:50P	01/25-05/10

Based on enrollments, this class may be delivered by a faculty member on a remote campus via live, two-way video.

Elkhorn

150-111-3E1A		MW	01:30P-03:30P	01/19-05/09
150-111-3EM1	IPVID	T	05:50P-07:50P	01/25-05/10

Based on enrollments, this class may be delivered by a faculty member on a remote campus via live, two-way video.

Off Campus

150-111-3W7A	INET	TBA	TBA-TBA	01/20-05/09
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Additional fees apply to this class — cost is \$383.19. This Internet delivery course requires a computer with access to the Internet, browser software, and an e-mail account. Your instructor will notify you of any additional software requirements for the class. Computers in Gateway's computer labs are available for student use. Information on how to get started will be sent to your Gateway student e-mail account on the first day of school.

150-114 Network Concepts - CCNA1 3.00 CR

\$353.19 PREREQUISITES: NONE
This course will provide you with more in depth networking concepts. Topics will include the Internet, OSI model, wireless, security, logical and physical topologies, instant messaging, basic router setup and switch configuration, network connectivity, and hardware and software configurations. You will also learn how to create local area networks and wide area networks. Individuals will learn real-world skills related to employment.

Racine

150-114-3R1A		MW	08:05A-10:05A	01/19-05/09
150-114-3RM1	IPVID	T	08:00P-10:00P	01/25-05/10

Based on enrollments, this class may be delivered by a faculty member on a remote campus via live, two-way video.

Elkhorn

150-114-3E1A		MW	08:05A-10:05A	01/19-05/09
150-114-3EM1	IPVID	T	08:00P-10:00P	01/25-05/10

Based on enrollments, this class may be delivered by a faculty member on a remote campus via live, two-way video.

Off Campus

150-114-3W7A	INET	TBA	TBA-TBA	01/20-05/09
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Additional fees apply to this class — cost is \$383.19. This Internet delivery course requires a computer with access to the Internet, browser software, and an e-mail account. Your instructor will notify you of any additional software requirements for the class. Computers in Gateway's computer labs are available for student use. Information on how to get started will be sent to your Gateway student e-mail account on the first day of school.

150-131	Network Specialist Internship	3.00	CR
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S347.44 Instructor consent required
 PREREQUISITES: 150-114 Network Concepts - CCNA1 and 154-110 Hardware & Software Troubleshooting
 Establishes an opportunity for the student to apply training and skills in a business/ industrial/ academic work environment. The student will spend 144 hours at the worksite. Student contracts with the employer and the instructor regarding the work agreement and competencies. Classroom hours will include preparation of job portfolio materials and practicing interview techniques.

Racine
 150-131-3R1A DS TBA TBA-TBA 01/19-05/10
 Prepare for the job seeking process and acquire real work experience in the Information Technology field. Contact Jill Fall at fallj@gtc.edu for more information on this exciting Internship opportunity.

Elkhorn
 150-131-3E1A DS T 11:20A-12:20P 01/25-05/10
 Prepare for the job seeking process and acquire real work experience in the Information Technology field. Contact Paul Nelson at nelsonp@gtc.edu for more information on this exciting Internship opportunity.

150-105	Network/Web Concepts, Introduction to	3.00	CR
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S353.19 PREREQUISITES: NONE
 COREQUISITES: 107-011T IT in Business
 This course will introduce networking and web concepts. Topics will include the internet, OSI model, wireless, security, logical and physical topologies, hacking, and web pages. Individuals will learn real world skills related to employment.

Kenosha
 150-105-3K11 W 05:50P-09:50P 01/19-05/04
 150-105-3K1A MW 12:25P-02:25P 01/19-05/09

Racine
 150-105-3R11 W 05:50P-09:50P 01/19-05/04
 150-105-3R1A MW 12:25P-02:25P 01/19-05/09

Elkhorn
 150-105-3E11 W 05:50P-09:50P 01/19-05/04

Off Campus
 150-105-3W7A INET TBA TBA-TBA 01/20-05/09
 Additional fees apply to this class — cost is \$383.19. This Internet delivery course requires a computer with access to the Internet, browser software, and an e-mail account. Your instructor will notify you of any additional software requirements for the class. Computers in Gateway's computer labs are available for student use. Information on how to get started will be sent to your Gateway student e-mail account on the first day of school.

150-197	Securing Wireless Devices and Networks	3.00	CR
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S353.19 PREREQUISITES: 150-194 Network Security
 This introductory course to wireless LANs focuses on the design, planning, implementation, operation, and troubleshooting of wireless LANs. It covers an overview of technologies, security, and design best practices, with particular emphasis on hands on skills, including wireless LAN setup and troubleshooting, 802.11 technologies, products, and solutions, radio technologies, WLAN applications and site surveys, design, installation, configuration, and troubleshooting, WLAN security, and emerging wireless technologies.

Kenosha
 150-197-3KM1 IPVID Th 08:00P-10:00P 01/20-05/05
 Based on enrollments, this class may be delivered by a faculty member on a remote campus via live, two-way video.

Racine
 150-197-3RM1 IPVID Th 08:00P-10:00P 01/20-05/05
 Based on enrollments, this class may be delivered by a faculty member on a remote campus via live, two-way video.

Elkhorn
 150-197-3EM1 IPVID Th 08:00P-10:00P 01/20-05/05
 Based on enrollments, this class may be delivered by a faculty member on a remote campus via live, two-way video.

150-195	Security Policies and Procedures	3.00	CR
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S353.19 PREREQUISITES: 150-194 Network Security
 Students will learn how to develop a security vision statement. These will be simple written security policies and procedures to protect information, people, and property. It will include controlling e-commerce and information systems, while complying with legal and policy requirements. Students will evaluate information systems, assign ownership and responsibilities, and develop an emergency response plan.

Kenosha
 150-195-3KM1 IPVID Th 05:50P-07:50P 01/20-05/05
 Based on enrollments, this class may be delivered by a faculty member on a remote campus via live, two-way video.

Racine
 150-195-3RM1 IPVID Th 05:50P-07:50P 01/20-05/05
 Based on enrollments, this class may be delivered by a faculty member on a remote campus via live, two-way video.

Elkhorn
 150-195-3EM1 IPVID Th 05:50P-07:50P 01/20-05/05
 Based on enrollments, this class may be delivered by a faculty member on a remote campus via live, two-way video.

150-136	Server Technologies	3.00	CR
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S353.19 PREREQUISITES: 150-105 Network/Web Concepts, Introduction to and 107-193 IT Essentials
 Learn advanced server technology skills to prepare you to support a production server. These skills include server upgrades, fault tolerance, advanced networking, disaster planning and more. Develop a basic technology plan which includes server management and disaster recovery plans. This class will also prepare you to take the CompTIA's Server+ industry certification exam.

Racine
 150-136-3R1A IPVID F 08:05A-12:05P 01/21-05/06
 See below for additional course information.*
 150-136-3RM1 IPVID M 08:00P-10:00P 01/24-05/09

See below for additional course information.*
 *Based on enrollments, this class may be delivered by a faculty member on a remote campus via live, two-way video.

Elkhorn
 150-136-3E1A IPVID F 08:05A-12:05P 01/21-05/06
 See below for additional course information.*
 150-136-3EM1 IPVID M 08:00P-10:00P 01/24-05/09

See below for additional course information.*
 *Based on enrollments, this class may be delivered by a faculty member on a remote campus via live, two-way video.

Off Campus

150-136-3W7A INET TBA TBA-TBA 01/20-05/09
Additional fees apply to this class — cost is \$383.19. This Internet delivery course requires a computer with access to the Internet, browser software, and an e-mail account. Your instructor will notify you of any additional software requirements for the class. Computers in Gateway's computer labs are available for student use. Information on how to get started will be sent to your Gateway student e-mail account on the first day of school.

150-135 Switching & Wan's - CCNA 3 & 4 4.00 CR

\$470.92 PREREQUISITES: 150-124 Routing CCNA 2
Continue to grow your networking skills by applying your knowledge from the two previous classes and learning more advanced concepts. New skills that will be explored include: configuring switches, implementing intermediate routing, calculating VLSMs, WAN services, NAT, PAT, configuring DHCP. Hands-on experience will be acquired by applying your knowledge to complete a comprehensive threaded case study.

Racine

150-135-3R1A IPVID TTh 08:05A-11:05A 01/20-05/10
See below for additional course information.*
150-135-3RM1 IPVID W 05:50P-09:50P 01/19-05/04
See below for additional course information.*

*Based on enrollments, this class may be delivered by a faculty member on a remote campus via live, two-way video.

Elkhorn

150-135-3E1A IPVID TTh 08:05A-11:05A 01/20-05/10
See below for additional course information.*
150-135-3EM1 IPVID W 05:50P-09:50P 01/19-05/04
See below for additional course information.*

*Based on enrollments, this class may be delivered by a faculty member on a remote campus via live, two-way video.

Off Campus

150-135-3W7A INET TBA TBA-TBA 01/20-05/09
Additional fees apply to this class — cost is \$510.92. This Internet delivery course requires a computer with access to the Internet, browser software, and an e-mail account. Your instructor will notify you of any additional software requirements for the class. Computers in Gateway's computer labs are available for student use. Information on how to get started will be sent to your Gateway student e-mail account on the first day of school.

IT — Programming and Web

152-155 Action-Scripting Flash 3.00 CR

\$383.19 PREREQUISITES: 152-126 Programming & Database, Introduction to and 152-147 IT Web Graphics - Flash

This advanced course introduces students to the advanced features in Flash such as Action Script, Flash's programming language. Students will use Flash to create interactive games, animations, and dynamic websites. Students will use action Script's Object Oriented programming to create interactive projects.

Off Campus

152-155-3W7A INET TBA TBA-TBA 01/20-05/09
See below for additional course information.*
152-155-3W7B INET TBA TBA-TBA 01/20-05/09
See below for additional course information.*

*Additional fees apply to this class — cost is \$383.19. This Internet delivery course requires a computer with access to the Internet, browser software, and an e-mail

account. Your instructor will notify you of any additional software requirements for the class. Computers in Gateway's computer labs are available for student use. Information on how to get started will be sent to your Gateway student e-mail account on the first day of school.

152-125 Computer Programming Rpg/400 Advanced 3.00 CR

\$353.19 PREREQUISITES: 152-122 Computer Programming RPG/400
Describe and define syntax for constructing online business applications using IBM's High Level Language RPG/400. Competencies learned in RPG/400 are enhanced with additional focus on the following topics: creating sub-file structures, interactive programming techniques, use of arrays and matrixes, creating and using Help screens, introduction to group update techniques and to DB2 relational database.

Kenosha

152-125-3K11 T 05:50P-09:50P 01/25-05/10

152-158 DB2 UDB Programming & Stored Procedures 3.00 CR

\$581.19 PREREQUISITES: NONE
Exploring the powerful programming features of RDBMS is required in developing enterprise wide applications. This course provides a comprehensive review of DB2 programming using Java, embedded SQL, and stored procedures. This course also discusses advanced RDBMS concepts. This course may only be offered by authorized e-business application advanced career education program providers with IBM authorized instructors, software, and hardware.

Kenosha

152-158-3K11 M 05:50P-09:50P 01/24-05/09

152-160 Game Engine Development 3.00 CR

\$353.19 PREREQUISITES: 152-157 Game Programming I
This course develops a working engine for a computer game. After completing this advanced class, student will be able to develop usable working game engine. Students will learn about rendering graphics, supporting modules, audio interfaces, network interfaces and game engine design. A knowledge of C++ is required to successfully complete this class.

Kenosha

152-160-3KM1 IPVID M 07:30P-09:30P 01/24-05/09
Based on enrollments, this class may be delivered by a faculty member on a remote campus via live, two-way video.

Racine

152-160-3RM1 IPVID M 07:30P-09:30P 01/24-05/09
Based on enrollments, this class may be delivered by a faculty member on a remote campus via live, two-way video.

152-161 Game Programming Technologies 2.00 CR

\$235.46 PREREQUISITES: 152-157 Game Programming I
This class examines modern technologies for computer game development. Students will learn how to install development components. In addition, students will learn how to draw game elements.

Kenosha

152-161-3KM1 IPVID M 05:50P-07:20P 01/24-05/09
Based on enrollments, this class may be delivered by a faculty member on a remote campus via live, two-way video.

Racine

152-161-3RM1 IPVID M 05:50P-07:20P 01/24-05/09
Based on enrollments, this class may be delivered by a faculty member on a remote campus via live, two-way video.

152-149 IBM i System Administration 3.00 CR

\$353.19 Instructor consent required
PREREQUISITES: NONE

This course is designed to prepare the student for a junior IBM i administrator position. After completing this course the student will have a in-depth understanding of the IBM i operating system as well as the ability configure hardware and software on the system. This course provides the student with hands-on exercises configuring IBM i software and hardware.

Kenosha
152-149-3K11 Th 05:50P-09:50P 01/20-05/05

152-145 Internet Programming 3.00 CR

\$353.19 PREREQUISITES: 152-126 Programming & Database, Introduction to
This introduction to web programming will explore a variety of tools used for web page creation. An introduction to client side internet website programming, this course covers HTML, CSS, DHTML, and JavaScript.

Kenosha
152-145-3K11 Th 05:50P-09:50P 01/20-05/05

152-147 IT Web Graphics - Flash 2.00 CR

\$255.46 PREREQUISITES: NONE
COREQUISITES: 150-105 Network/Web Concepts, Introduction to

This course will teach students basic design principles, such as color theory and layout, as they relate to interface design and interactive graphics creation. Students will use Flash to create graphics, animation, and rollover buttons. Web sites and multimedia will be designed and programmed using action script, which is the built in programming language in Flash.

Off Campus
152-147-3W7A INET TBA TBA-TBA 01/20-05/09
See below for additional course information.*

152-147-3W7B INET TBA TBA-TBA 01/20-05/09
See below for additional course information.*

*Additional fees apply to this class — cost is \$255.46. This Internet delivery course requires a computer with access to the Internet, browser software, and an e-mail account. Your instructor will notify you of any additional software requirements for the class. Computers in Gateway's computer labs are available for student use. Information on how to get started will be sent to your Gateway student e-mail account on the first day of school.

152-162 Perl Programming, Introduction to 2.00 CR

\$255.46 PREREQUISITES: 150-191 Fundamentals - Unix
COREQUISITES: 152-148 Web Programming Concepts

This 2 credit course will prepare the student to enhance the functionality of Web pages through the use of Perl scripting techniques. Course material and exercises will utilize best practices on a server based platform implementing and enhancing the functionality of Web pages with the using server side scripting with Perl scripting techniques. Secure data transfer and response, script debugging, Web site script publishing and error handling techniques will be stressed. On line delivery may require additional study time and have access to necessary hardware the student's responsibility

Off Campus
152-162-3W7A INET TBA TBA-TBA 01/20-05/09
See below for additional course information.*

152-162-3W7B INET TBA TBA-TBA 01/20-05/09
See below for additional course information.*

*Additional fees apply to this class — cost is \$255.46. This Internet delivery course requires a computer with access to the Internet, browser software, and an e-mail account. Your instructor will notify you of any additional software requirements

for the class. Computers in Gateway's computer labs are available for student use. Information on how to get started will be sent to your Gateway student e-mail account on the first day of school.

152-126 Programming & Database, Introduction to Concepts 4.00 CR

\$470.92 PREREQUISITES: 107-011 IT in Business and 107-193 IT Essentials
This class will introduce students to the structures, logic, and controls of programming techniques and database applications. Students will be able to develop a program that will utilize a database.

Kenosha
152-126-3K1A TTh 12:25P-02:55P 01/20-05/10
152-126-3KM1 BLND W 05:50P-09:50P 01/19-05/04

Racine
152-126-3R1A TTh 12:25P-02:55P 01/20-05/10
152-126-3RM1 BLND Th 05:50P-08:50P 01/20-05/05

This class will be delivered in a blended format. Two and a half hours will be delivered in a traditional classroom and two and a half hours will be delivered via the Internet. A computer with access to the internet, browser software, and an e-mail account is required for this class. Computers in Gateway's computer labs are available for student use. Details will be provided on the first day of class.

Elkhorn
152-126-3E1A TTh 12:25P-02:55P 01/20-05/10

Off Campus
152-126-3W7A INET TBA TBA-TBA 01/20-05/09

Additional fees apply to this class — cost is \$510.92. This Internet delivery course requires a computer with access to the Internet, browser software, and an e-mail account. Your instructor will notify you of any additional software requirements for the class. Computers in Gateway's computer labs are available for student use. Information on how to get started will be sent to your Gateway student e-mail account on the first day of school.

152-105 System i Concepts 2.00 CR

\$235.46 PREREQUISITES: 107-011 IT in Business
System i Concepts will provide an overview of the i5 Operating System functions and capabilities. Emphasis will be placed upon utilities intrinsic to the operating system and provide a prelude to the programming environment. Some of the features discussed are file structures, library organization, application development tools, control language commands, and structured query. The course will demonstrate business applications without the use of formal programming languages. The labs will focus on data collection, processing, and reporting. At the end of the course, the learner should be able to access the user support facilities, command prompting, online help, and various commands to organize and manipulate the system. It is the intent of the course to make the learner knowledgeable and comfortable enough with the platform and operating system to focus on the programming languages supported by i5/OS Operating System.

Kenosha
152-105-3K11 T 05:50P-08:50P 01/25-05/10

152-133 System i Control Language 2.00 CR

\$235.46 PREREQUISITES: 152-105 System i Concepts
AS/400 Control Language (CL) commands, functions, and applications are used in a hands-on environment.

Kenosha
152-133-3K11 W 05:50P-08:50P 01/19-05/04

152-140 Web Internship 3.00 CR

\$377.44 PREREQUISITES: NONE

This course establishes an opportunity for the student to apply training and skills in a business/industrial/academic work environment. The student will spend 144 hours at the worksite and contracts with the employer and the instructor regarding the work agreement and competencies. Classroom hours will include preparation of job portfolio materials and practicing interview techniques.

Off Campus

152-140-3W7A INET,DS TBA TBA-TBA 01/20-05/09
Additional fees apply to this class — cost is \$377.44. Prepare for the job seeking process and acquire real work experience in the Information Technology field. Contact Jill Fall at fallj@gtc.edu for more information on this exciting Internship opportunity.

152-148 Web Programming Concepts 3.00 CR

\$383.19 PREREQUISITES: 150-105 Network/Web Concepts, Introduction to This course teaches students essential Web page development skills. Students will learn to develop websites using HTML, XHTML and CSS. Students will learn how to write code manually as well as use a GUI authoring tool. Students will also learn to insert images, create hyperlinks, and add tables, forms and frames to web pages. Other topics include validating their code, recognizing the importance of marketing, and implementing fundamental design concepts. Students will learn how to control web resources with client-side web scripts. They will also learn how to analyze elements of a website that will add to its functionality from a client-side perspective.

Off Campus

152-148-3W7A INET TBA TBA-TBA 01/20-05/09
See below for additional course information.*
152-148-3W7B INET TBA TBA-TBA 01/20-05/09
See below for additional course information.*

*Additional fees apply to this class — cost is \$383.19. This Internet delivery course requires a computer with access to the Internet, browser software, and an e-mail account. Your instructor will notify you of any additional software requirements for the class. Computers in Gateway's computer labs are available for student use. Information on how to get started will be sent to your Gateway student e-mail account on the first day of school.

Laboratory Assistant

513-110 Lab Skills, Basic 1.00 CR

\$143.73 PREREQUISITES: NONE

This course explores health career options and the fundamental principles and procedures performed in the clinical laboratory. You will utilize medical terminology and basic laboratory equipment. You will follow required safety and infection control procedures and perform simple laboratory tests.

Racine

513-110-3R1A M 08:05A-10:05A 01/24-05/09

513-111 Phlebotomy 2.00 CR

\$287.46 PREREQUISITES: NONE

COREQUISITES: 513-110 Lab Skills, Basic

This course provides opportunities for learners to perform routine venipuncture, routine capillary puncture, and special collection procedures.

Racine

513-111-3R1A M 11:20A-12:20P 01/24-05/09
M 12:20P-02:20P 01/24-05/09

Marketing & Merchandising Mgmt

104-170 Business Purchasing 3.00 CR

\$347.44 PREREQUISITES: NONE

An understanding of industrial purchasing is developed through the study of the basic principles of buying; regulations and laws controlling purchasing; duties and qualifications of the buyer or purchasing agent.

Kenosha

104-170-3K31 AC Th 06:00P-09:25P 03/24-05/05

Elkhorn

104-170-3E3A AC T 04:45P-08:10P 01/25-03/22

104-110 Corporate Sponsorship Development 2.00 CR

\$232.96 PREREQUISITES: NONE

This course will provide students with the necessary information and skills to develop marketable sponsorship proposals. In addition, they will explore both perspectives of sponsorship: the seller (representing an event, team, property or venue) and the buyer (representing a company with a desire to market and promote through a sport or event sponsorship). Students will develop skills necessary to sell their proposals.

Kenosha

104-110-3K31 AC M 06:00P-09:10P 03/21-04/18

104-171 Credit Procedures 3.00 CR

\$347.44 PREREQUISITES: NONE

Concepts and instruments necessary to operate a credit system. Credit is an essential function of marketing and the application of new marketing concepts and techniques in the credit system are stressed.

Kenosha

104-171-3K1A T 08:05A-11:05A 01/25-05/10

Racine

104-171-3R3A AC Th 08:05A-11:05A 02/17-04/14

Elkhorn

104-171-3E3A AC W 10:15A-01:15P 01/19-03/09

104-198 E-Commerce/Marketing on the Internet 3.00 CR

\$347.44 PREREQUISITES: 104-101 Marketing Principles

This course provides the student with a basic understanding of the components utilized in this technology. It examines how businesses integrate target marketing, market research, and the marketing mix elements onto the internet. The student will study both consumer and business-to-business situations affected by the intranet and extranet. Public policy, infrastructures, and payment systems for e-commerce are also analyzed and the individual is required to develop an e-commerce/internet marketing strategy plan.

Kenosha

104-198-3K1A W 09:10A-12:10P 01/19-05/10

Off Campus

104-198-3W7A INET TBA TBA-TBA 01/19-05/10

Additional fees apply to this class — cost is \$377.44. This Internet course requires a computer with access to the Internet, access to the World Wide Web, an e-mail account and Microsoft Word. You will be contacted by the instructor via regular and/or e-mail prior to the first class of the semester with directions on how to access the course. If there are any questions pertaining to the course, please direct them to Meg Hunter at: hunterma@gtc.edu

104-191	Internet Business Applications	1.00 CR
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\$128.48 PREREQUISITES: NONE

This course will help participants gain the skills necessary to be able to evaluate the growing number of opportunities for both entrepreneurs and existing businesses which are becoming available on the World Wide Web daily. Internet compatible software and hardware will be discussed, as well as budgets, marketing, and various advertising strategies. Opportunities such as Job Searching, Information Resources, Publications, and Career Exploration for entrepreneurs, small business managers, and others in the field of management will be explored.

Off Campus

104-191-3W7A	INET	TBA	TBA-TBA	01/19-05/10
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Additional fees apply to this class—cost is \$128.48. The class requires the use of Blackboard which will be available to students a week before the first class session. Students are expected to read the announcements, syllabus, and complete the Getting Started Learning Plan by the end of the first week of class.

104-169	Management/Merchandising	3.00 CR
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\$353.19 PREREQUISITES: NONE

View of the store buyer or manager as relates to consumer, subordinates, resources and management. Store image, sales records, merchandise planning, market trips, and merchandising math principles are applied.

Kenosha

104-169-3K1A		W	12:25P-03:25P	01/19-05/04
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Special arrangements will be made with students for course requirements and retail lab assignments. Three lab hours per week are required by the student.

104-134	Marketing Internship	3.00 CR
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\$347.44 Instructor consent required

PREREQUISITES: NONE

This course provides the student with an opportunity to work in a marketing environment. The student will commit to 12 hours per week with an instructor and job contact. Competencies will vary, depending upon the work site.

Kenosha

104-134-3K1A	DS	TBA	TBA-TBA	01/19-05/10
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Racine

104-134-3R1A	DS	TBA	TBA-TBA	01/19-05/10
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104-172	Marketing Management	3.00 CR
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\$347.44 PREREQUISITES: 104-101 Marketing Principles

Decision-making activities involved in marketing functions through projects, simulation and case studies.

Kenosha

104-172-3K1A		T	11:20A-02:20P	01/25-05/10
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104-172-3K31	AC	T	06:00P-09:25P	03/29-05/10
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Racine

104-172-3R1A		M	08:05A-11:05P	01/24-05/09
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104-101	Marketing Principles	3.00 CR
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\$347.44 PREREQUISITES: NONE

This course helps students understand the scope of marketing and the importance of marketing in our economy. Changes and trends in the consumer goods market of the United States and foreign markets. are covered. Consumer behavior is examined as well as retailing and wholesaling structures.

Kenosha

104-101-3K1A		M	09:10A-12:10P	01/24-05/09
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Off Campus

104-101-3W7A	INET	TBA	TBA-TBA	01/19-05/10
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See below for additional course information.*

104-101-3W7B	INET	TBA	TBA-TBA	01/19-05/10
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See below for additional course information.*

*Additional fees apply to this class—cost is \$377.44. This Internet course requires a computer with access to the Internet, access to the World Wide Web, an e-mail account and Microsoft Word. You will be contacted by the instructor via regular and/or e-mail prior to the first class of the semester with directions on how to access the course. If there are any questions pertaining to the course, please direct them to Mike Vernezze at: vernezzem@gtc.edu

104-109	Marketing/Sports and Event Introduction	3.00 CR
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\$347.44 PREREQUISITES: NONE

This course will provide students with an awareness of the careers available within sport/ event marketing industry and enable them to learn the introductory skills necessary to pursue employment in the field. A basic understanding of sports and event marketing followed with exposure to the major components of the industry will be covered. Students will also maintain an awareness of current trends and happenings in the industry.

Kenosha

104-109-3K31	AC	M	06:00P-09:25P	01/24-03/07
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104-105	Promotion Principles I	3.00 CR
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\$347.44 PREREQUISITES: NONE

Advertising media and the institutions of advertising agencies, retail advertisers and general advertisers. Advertising media methods as they relate to goals. Creation of media advertising: newspaper, magazine, radio, television, and direct mail. The principles of copy layout, illustration and printing. The concepts of sales promotion, publicity, public relations, and visual merchandising.

Kenosha

104-105-3K1A		Th	11:20A-02:20P	01/20-05/05
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104-105-3K31	AC	Th	06:00P-09:00P	01/20-03/10
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Racine

104-105-3R1A		MW	11:20A-12:50P	01/19-05/09
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104-127	Retailing	3.00 CR
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\$347.44 PREREQUISITES: NONE

An overview of retailing, trends, consumer and location analysis. Study of the organizational structure through human resources, merchandising, advertising and promotion, control and operations.

Racine

104-127-3R1A		T	08:05A-11:05A	01/25-05/10
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104-104	Selling Principles	3.00 CR
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\$347.44 PREREQUISITES: NONE

This course covers retail, business, industrial, and direct selling procedures which involve prospecting, pre-approaching the customer, discovering the customer's wants and needs, demonstrating the product, answering questions, meeting objections, closing the sale, and suggestion selling.

Kenosha

104-104-3K1A		M	12:25P-03:25P	01/24-05/09
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104-104-3K2A	ST	M	12:25P-03:25P	01/24-05/09
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Racine

104-104-3R11		T	05:50P-08:50P	01/25-05/10
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Elkhorn

104-104-3E3A	AC	T	10:15A-01:40P	01/25-03/22
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Off Campus

104-104-3W7A	INET	TBA	TBA-TBA	01/19-05/10
Additional fees apply to this class — cost is \$377.44. This Internet course requires a computer with access to the Internet, access to the World Wide Web, an e-mail account and Microsoft Word. You will be contacted by the instructor via regular and/or e-mail prior to the first class of the semester with directions on how to access the course. If there are any questions pertaining to the course, please direct them to Ed Grochowski at: grochowskie@gtc.edu				
104-104-3W7B		TBA	TBA-TBA	01/19-05/10

104-161 Selling Principles/Advanced 3.00 CR

\$347.44 PREREQUISITES: 104-104 Selling Principles
Student will be made aware of various sales careers and necessary qualifications. Time management, territory planning, motivation, telemarketing, direct marketing and negotiating for the salesperson will be studied. Sales meetings and practical sales demonstrations will be presented by the students.

Kenosha

104-161-3K1A		Th	08:05A-11:05A	01/20-05/05
104-161-3K31	AC	T	06:00P-09:25P	01/25-03/22

Racine

104-161-3R1A		W	08:05A-11:05A	01/19-05/04
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104-114 Selling Techniques 2.00 CR

\$232.96 PREREQUISITES: NONE
Emphasis is placed on selling techniques. This includes the process used to plan, to make sales presentations, to handle sales resistance, to close a sale, and to implement the proper follow-up of the sale.

Kenosha

104-114-3K1A		M	12:25P-02:25P	01/24-05/09
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104-111 Ticket Sales 1.00 CR

\$118.48 PREREQUISITES: NONE
This course is intended to teach the importance of the sell out mentality for events. The class will cover developing a data base, discounting, creating a variety of ticket packages, targeting groups, developing a sales staff, and retaining season ticket holders through renewals.

Kenosha

104-111-3K31	AC	M	06:00P-10:00P	05/02-05/09
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Mechanical Technology

606-126 AutoCAD, Introduction 2.00 CR

\$241.96 PREREQUISITES: NONE
This course is an introductory course in the latest version of AutoCAD. No prior CAD or drafting experience is necessary. While it would be helpful to have some knowledge of computers, geometry, and design problems, this too is not necessary. This course is designed for students that have had no or very little exposure to CAD. Upon the successful completion of all assigned work in this course, a student should have an understanding of how to create basic geometric shapes and drawings as well as applying dimensions using AutoCAD software. While drawings will be created in this class, drafting is not taught. This course deals strictly with the basic use of AutoCAD software.

CATI

606-126-3C11	ST,IPVID	M	06:00P-10:00P	01/24-05/09
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Elkhorn

606-126-3E21	ST,IPVID	M	06:00P-10:00P	01/24-05/09
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This class is taught using the NODAL system by an instructor on a remote campus.

606-128 CAD - Solidworks 2.00 CR

\$241.96 PREREQUISITES: NONE
Students use Solidworks software to create solid models of various machine components. They also convert solid parts into conventional 2-D orthographic drawings which include sections, auxiliary views, and dimensions. Students create assembly drawings and configurations of various parts.

CATI

606-128-3C61	SP,IPVID	W	06:00P-09:00P	01/19-05/04
606-128-3C6A	SP,IPVID	W	12:25P-03:25P	01/19-05/04

Elkhorn

606-128-3E61	SP,IPVID	W	06:00P-09:00P	01/19-05/04
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This class is taught using the NODAL system by an instructor on a remote campus.

606-128-3E6A	SP,IPVID	W	12:25P-03:25P	01/19-05/04
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This class is taught using the NODAL system by an instructor on a remote campus.

606-127 CAD Intermediate 2.00 CR

\$241.96 PREREQUISITES: 606-126 AutoCAD, Introduction
In this course, students will use advanced CAD dimensioning concepts and edit and modify various types of entities, such as dimensions, hatch patterns, and text. Use of grips, attributes, and Xrefs, menu customization, and profiles are covered.

CATI

606-127-3C1A	ST,IPVID	M	01:30P-04:30P	01/24-05/09
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Elkhorn

606-127-3E6A	ST,IPVID	M	01:30P-04:30P	01/24-05/09
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This class is taught using the NODAL system by an instructor on a remote campus.

606-129 CAD/Solids Advanced 2.00 CR

\$241.96 PREREQUISITES: 606-128 CAD - Solidworks
A continuation of the basic solids class that includes assembly drawings, exploded isometric drawings, customization, sheet metal drawings, import/export functions, thin features, and the use of Microsoft Office features to increase productivity.

CATI

606-129-3C61	SP,IPVID	W	06:00P-09:00P	01/19-05/04
606-129-3C6A	SP,IPVID	W	12:25P-03:25P	01/19-05/04

Elkhorn

606-129-3E61	SP,IPVID	W	06:00P-09:00P	01/19-05/04
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This class is taught using the NODAL system by an instructor on a remote campus.

606-129-3E6A	SP,IPVID	W	12:25P-03:25P	01/19-05/04
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This class is taught using the NODAL system by an instructor on a remote campus.

606-138 Design Problems 2.00 CR

\$241.96 Instructor consent required
PREREQUISITES: NONE
Analyze problems, gather data, sketch ideas, do necessary mathematical calculations, and make working drawings of a design project. Judgment and initiative are developed.

CATI

606-138-3C11		M	06:00P-10:00P	01/24-05/09
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606-152 Engineering Graphics w/CAD 1 2.00 CR

\$241.96 PREREQUISITES: NONE
COREQUISITES: 606-126 AutoCAD, Introduction and 606-149
Mechanical Engineering, Introduction to

Advanced concepts of topics from Intro to MET are covered as well as several new topics. Lab assignments are done on a CAD workstation. Topics covered include drawing primary and secondary auxiliary views, sections, threads and fasteners, and creating drawings of weldments.

CATI

606-152-3C61 SP,IPVID TTh 06:00P-10:00P 01/20-05/10
606-152-3C6A SP,IPVID TTh 12:25P-04:25P 01/20-05/10

Elkhorn

606-152-3E61 SP,IPVID TTh 06:00P-10:00P 01/20-05/10
This class is taught using the NODAL system by an instructor on a remote campus.

606-152-3E6A SP,IPVID TTh 12:25P-04:25P 01/20-05/10
This class is taught using the NODAL system by an instructor on a remote campus.

606-153 Engineering Graphics w/CAD 2 2.00 CR

\$241.96 PREREQUISITES: 606-152 Engineering Graphics w/CAD 1
Advanced concepts from Engineering Graphics 1 are covered as well as several new topics. Lab assignments are done on a CAD workstation. Topics covered include creating working drawings of simple and complex assemblies, redesigning existing parts and assemblies, and creating welded assemblies.

CATI

606-153-3C61 SP,IPVID TTh 06:00P-10:00P 01/20-05/10
606-153-3C6A SP,IPVID TTh 12:25P-04:25P 01/20-05/10

Elkhorn

606-153-3E61 SP,IPVID TTh 06:00P-10:00P 01/20-05/10
This class is taught using the NODAL system by an instructor on a remote campus.

606-153-3E6A SP,IPVID TTh 12:25P-04:25P 01/20-05/10
This class is taught using the NODAL system by an instructor on a remote campus.

606-154 Engineering Graphics w/CAD 3 2.00 CR

\$241.96 PREREQUISITES: 606-153 Engineering Graphics w/CAD 2
Advanced concepts of topics from Engineering Graphics 1 are covered as well as several new topics. Lab assignments are done on a CAD workstation. Topics covered include creating gear, sprocket, and pulley drawings and cutting data, understanding the nomenclature associated with gear, sprocket, and pulley drawings, locating information about standard parts from tables and charts, creating cam displacement diagrams and profiles, and using vendor catalogs to select parts.

CATI

606-154-3C61 SP,IPVID TTh 06:00P-10:00P 01/20-05/10
606-154-3C6A SP,IPVID TTh 12:25P-04:25P 01/20-05/10

Elkhorn

606-154-3E61 SP,IPVID TTh 06:00P-10:00P 01/20-05/10
This class is taught using the NODAL system by an instructor on a remote campus.

606-154-3E6A SP,IPVID TTh 12:25P-04:25P 01/20-05/10
This class is taught using the NODAL system by an instructor on a remote campus.

606-116 Machine Design/Elements of 3.00 CR

\$347.44 PREREQUISITES: 606-131 Strength of Materials
Procedures and consideration in design of simple machine elements such as shafts, bearings, couplings, keys, pins, springs, clutches, brakes, and pressure cylinders. Emphasis on neat, orderly procedure and a thorough consideration of design specifications.

CATI

606-116-3C11 ST,IPVID T 06:00P-09:00P 01/25-05/10

Elkhorn

606-116-3E21 ST,IPVID T 06:00P-09:00P 01/25-05/10
This class is taught using the NODAL system by an instructor on a remote campus.

606-136 Manufacturing Materials 1.00 CR

\$118.48 PREREQUISITES: NONE
The study of the properties of engineering materials in regards to strength, chemistry, and basic characteristics of both metals and non-metals.

CATI

606-136-3C11 ST,IPVID W 04:45P-05:45P 01/19-05/04

Elkhorn

606-136-3E21 ST,IPVID W 04:45P-05:45P 01/19-05/04
This class is taught using the NODAL system by an instructor on a remote campus.

606-137 Manufacturing Process Applications 2.00 CR

\$241.96 PREREQUISITES: NONE
Students spend part of the course in the Machine Shop learning basic lathe, mill, drill press, and grinder operations as well as layout. Part of the course is taught in the welding lab where students learn the operations of gas and arc welding.

Racine

606-137-3R11 W 06:00P-10:00P 01/19-05/04

606-149 Mechanical Engineering, Introduction to Tech 2.00 CR

\$241.96 PREREQUISITES: NONE
COREQUISITES: 606-126 AutoCAD, Introduction
This course will instruct the student in manual drafting techniques; however, most of the material may be completed using CAD. It is designed to develop knowledge and basic mechanical drafting skills. Upon completion of this course, the student will have developed skills in the use of drafting tools, lettering, geometric construction, orthographic projection, sketching, visualization, dimensioning, and basic tolerancing.

CATI

606-149-3C61 SP,IPVID TTh 06:00P-10:00P 01/20-05/10
606-149-3C6A SP,IPVID TTh 12:25P-04:25P 01/20-05/10

Elkhorn

606-149-3E61 SP,IPVID TTh 06:00P-10:00P 01/20-05/10
This class is taught using the NODAL system by an instructor on a remote campus.

606-149-3E6A SP,IPVID TTh 12:25P-04:25P 01/20-05/10
This class is taught using the NODAL system by an instructor on a remote campus.

606-119 Motor Controls 3.00 CR

\$362.94 PREREQUISITES: NONE
This course provides a practical approach to motor control of various machines for non-electrical or electronic technicians. It discusses electrical and mechanical components and how they are connected together to control different types of motors. Many different types of control circuits are discussed.

CATI

606-119-3C11 M 06:00P-10:00P 01/24-05/09

606-151 Statics 3.00 CR

\$362.94 PREREQUISITES: 804-114 College Technical Math 1B
Study of forces in equilibrium; types of forces, couples, vector and scalar quantities, force systems, friction, centroids, centers of gravity, moments of inertia of areas.

CATI

606-151-3C21	ST,IPVID	T	06:00P-10:00P	01/25-05/10
606-151-3C2A	ST,IPVID	MW	11:20A-01:20P	01/19-05/09

Elkhorn

606-151-3E21	ST,IPVID	T	06:00P-10:00P	01/25-05/09
This class is taught using the NODAL system by an instructor on a remote campus.				
606-151-3E2A	ST,IPVID	MW	11:20A-01:20P	01/19-05/09
This class is taught using the NODAL system by an instructor on a remote campus.				

Medical Terminology

501-107 Computing for Healthcare, Introduction 2.00 CR

\$232.96 Program Counselor consent required
PREREQUISITES: NONE

This course provides an introduction to basic computer functions and applications utilized in contemporary healthcare settings. Students are introduced to the hardware and software components of modern computer systems and the application of computers in the workplace. The course emphasizes the use of common software packages, operating systems, file management, word processing, spreadsheet, database, internet, and electronic mail.

Racine

501-107-3RM1	BLND	T	05:25P-07:25P	01/25-03/08
		T	07:35P-09:45P	01/25-03/08

Must meet course Pre/Co Requisite. Note course is blended and faculty teaching course will communicate times in which students will be in physical classroom "blended" computer time in syllabus.

501-107-3RM2	BLND	W	05:25P-07:25P	01/19-03/09
		W	07:35P-09:45P	01/19-03/09

See below for additional course information.*

501-107-3RMA	BLND	M	08:05A-10:05A	01/24-03/07
		M	10:15A-02:15P	01/24-03/07

501-107-3RMB	BLND	Th	03:25P-04:25P	01/20-03/10
		Th	04:35P-09:35P	01/20-03/10

See below for additional course information.*

*Must meet course Pre/Co Requisite. Note course is blended and faculty teaching course will communicate times in which students will be in physical classroom "blended" computer time in syllabus.

Elkhorn

501-107-3EMB	BLND	T	08:05A-09:05A	01/25-03/08
		T	09:05A-10:05A	01/25-03/08

This course is blended. Additional online work is required.

501-101 Medical Terminology 3.00 CR

\$347.44 PREREQUISITES: 838-105 Reading & Study Skills, Intro
This course focuses on the component parts of medical terms: prefixes, suffixes, and word roots. Students practice formation, analysis, and reconstruction of terms, with an emphasis on spelling, definition, and pronunciation. They are introduced to operative, diagnostic, therapeutic, and symptomatic terminology of all body systems, as well as systemic and surgical terminology.

Racine

501-101-3R11		M	05:50P-08:50P	01/24-05/09
501-101-3R1A		TTh	08:05A-09:35A	01/20-05/10
501-101-3R1B		TTh	10:15A-11:45A	01/20-05/10
501-101-3R3A	AC	WTh	01:30P-04:30P	01/19-03/11
501-101-3RMA	BLND	WTh	12:25P-03:25P	01/19-03/10

Counselor Permission. Must meet course prerequisite. For students in HUC program courses 510-301, 510-302, 510-303. After those students placed as necessary in this section, other students requiring this course could be placed here.

Elkhorn

501-101-3EMA	BLND	W	10:15A-01:15P	01/19-05/04
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This class is blended. Students must know how to use Blackboard.

Burlington

501-101-3BMA		T	11:20A-02:20P	01/25-05/10
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This class is blended. Students must know how to use Blackboard.

Off Campus

501-101-3W7A	INET	TBA	TBA-TBA	01/19-05/10
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Additional fees apply to this class — cost is \$377.44

501-101-3W7B	INET	TBA	TBA-TBA	01/19-05/06
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Additional fees apply to this class — cost is \$377.44

501-101-3W7C	INET	TBA	TBA-TBA	01/19-05/06
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Additional fees apply to this class — cost is \$377.44

501-101-3W7D	INET	TBA	TBA-TBA	01/19-05/06
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Additional fees apply to this class — cost is \$377.44

501-101-3W7E	INET	TBA	TBA-TBA	01/19-05/06
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Additional fees apply to this class — cost is \$377.44

501-104 Principles of Customer Service in Healthcare 2.00 CR

\$232.96 Program Counselor consent required
PREREQUISITES: 851-760 Pre-Technical Writing
COREQUISITES: 501-107 Computing for Healthcare, Introduction

This course is designed as an introduction to customer service for learners interested in working in various healthcare settings. The learner investigates healthcare systems, safety standards, and the workforce. The learner examines professionalism, interpersonal and written communication skills, and confidentiality as they relate to customer service in healthcare.

Racine

501-104-3RM1	BLND	T	06:35P-08:25P	03/22-05/10
		T	08:35P-09:45P	03/22-05/10

See below for additional course information.*

501-104-3RM2	BLND	W	05:25P-07:25P	03/23-05/04
		W	07:35P-09:45P	03/23-05/04

See below for additional course information.*

*Counselor permission. Must meet Pre/Co course requisites. Note course is blended and faculty teaching course will communicate times in which students will be in physical classroom "blended" computer time in syllabus.

Elkhorn

501-104-3E11		M	04:45P-05:45P	01/24-05/09
		M	05:45P-06:45P	01/24-05/09

Burlington

501-104-3BMA	BLND	W	11:20A-01:20P	01/19-03/02
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This class is blended. Students must know how to use Blackboard.

Off Campus
 501-104-3W7A INET TBA TBA-TBA 03/22-05/10
 Additional fees apply to this class — cost is \$252.96. Counselor permission. Must meet Pre/Co course requisites. Note student is expected to communicate with faculty and students in course by telephone and other electronic means as part of course requirements.

Nursing

543-117 Contemporary Diabetes Care 4.00 CR

S536.92 PREREQUISITES: NONE
 This course provides an overview of contemporary diabetes care. It is designed to increase the competency of care provided to individuals and groups affected by diabetes at multiple points of access in the health care system. The target audience is Registered Nurses, Advanced Practice Nurses, other interested health care providers, advanced health career students or other professionals that have frequent interaction with individuals and groups affected by diabetes. The course presents basic elements that are essential to diabetes care as well as the evolving research necessary to meet best practice standards. Learners will explore the epidemiology, pathophysiology, pharmacology, and lifestyle behavior changes related to diabetes care. Concepts of theory and research will be examined by the learner to develop a culturally competent plan of care for individuals and groups in a variety of settings. The learner must have the ability to access and navigate the Internet as well as knowledge of common office software. Before the course begins the learner is to be responsible for and capable of using the college's online learning system by completing the tutorials available on the college website.

Off Campus
 543-117-3W7A INET TBA TBA-TBA 02/01-04/19
 See below for additional course information.*
 543-117-3W7B INET TBA TBA-TBA 02/01-04/19
 See below for additional course information.*
 543-117-3W7C INET TBA TBA-TBA 02/01-04/19
 See below for additional course information.*

*Additional fees apply to this class — cost is \$536.92. For additional information see Gateway's Nursing Website. Note Course will not run during Spring Break week.

543-104 Nsg: Intro Clinical Practice 2.00 CR

S248.46 Program Counselor consent required
 PREREQUISITES: NONE
 This introductory clinical course emphasizes basic nursing skills and application of the nursing process in meeting the needs of diverse clients. Emphasis is placed on performing basic nursing skills, the formulation of nurse-client relationships, communication, data collection, documentation, and medication administration.

Kenosha
 543-104-3K1A M 07:00A-03:30P 01/24-05/09
 See below for additional course information.*
 543-104-3K1B M 07:00A-03:30P 01/24-05/09
 See below for additional course information.*
 543-104-3K1C W 07:00A-03:30P 01/19-05/04
 See below for additional course information.*
 543-104-3K1D W 10:00A-06:30P 01/19-05/04
 See below for additional course information.*
 543-104-3K1E Th 07:00A-03:30P 01/20-05/05
 See below for additional course information.*
 543-104-3K1F Th 07:00A-03:30P 01/20-05/05
 See below for additional course information.*

543-104-3K1H M 07:00A-03:30P 01/24-05/09
 See below for additional course information.*
 543-104-3K1I Th 07:00A-03:30P 01/20-05/05
 See below for additional course information.*

*Students will be required to attend a mandatory orientation meeting. See the Nursing Page @www.gtc.edu/nursing on the GTC website for further course and orientation information. Students will need access to a computer and the internet. No class on 3/17. Students will meet for a total of 90 clinical hours.

Burlington

543-104-3B1A W 07:00A-02:00P 01/19-05/04
 There is no class on 3/16.
 543-104-3B1B Th 07:00A-02:00P 01/20-05/05
 There is no class on 3/17.
 543-104-3B1C S 07:00A-02:00P 01/22-05/07
 There is no class on 3/19 & 4/23.

543-115 Nursing Advanced Clinical Practice 3.00 CR

S372.69 PREREQUISITES: NONE
 COREQUISITES: 543-113 Nursing Complex Health Alterations II
 This advanced clinical course requires the student to integrate concepts from all previous courses in the management of groups of clients facing complex health alterations. Students will have the opportunity to further develop critical thinking skills using the nursing process in making clinical decisions. Continuity of care through interdisciplinary collaboration is emphasized.

Kenosha
 543-115-3K1A M 07:00A-03:00P 01/25-04/12
 T 07:00A-12:00P 01/25-04/12
 543-115-3K1B M 02:30P-10:00P 01/25-04/12
 T 02:00P-07:30P 01/25-04/12
 543-115-3K1C M 07:00A-03:00P 01/25-05/12
 T 07:00A-12:00P 01/25-05/12
 543-115-3K1D M 07:00A-03:00P 01/25-04/12
 T 07:00A-12:00P 01/25-04/12
 543-115-3K1E M 07:00A-03:00P 01/25-04/12
 T 07:00A-12:00P 01/25-04/12
 543-115-3K1F M 03:00P-11:00P 01/25-04/12
 T 03:00P-08:00P 01/25-04/12

Burlington

543-115-3B1A Th 07:00A-02:30P 01/20-04/08
 F 07:00A-12:00P 01/20-04/08
 There is no class on 3/17 & 3/18.
 543-115-3B1B Th 07:00A-02:30P 01/20-04/08
 F 07:00A-12:00P 01/20-04/08
 There is no class on 3/17 & 3/18.
 543-115-3B1C Th 07:00A-07:30P 01/20-04/07
 There is no class on 3/17.

543-112 Nursing Advanced Skills 1.00 CR

S124.23 PREREQUISITES: 543-105 Nursing Health Alterations and 543-106 Nursing Health Promotion and 543-107 Nursing: Clinical Care Across the and 543-108 Nursing: Introduction to Clinical Care
 COREQUISITES: 806-179 Anatomy and Physiology, Advanced
 This course focuses on the development of advanced clinical skills. Content includes advanced IV skills, blood product administration, chest tube systems, basic EKG interpretation, and nasogastric/feeding tube insertion.

Kenosha

543-112-3K11 M 05:50P-07:50P 01/24-05/09
Students will need to use their Gateway e-mail account when e-mailing the instructor during this course. Students will need access to a computer and the internet. See the Nursing page on the Gateway website for further course information. There is no class on 3/14 & 4/25.

543-112-3K1A M 09:10A-11:10A 01/24-05/09
Students will need to use their Gateway e-mail account when e-mailing the instructor during this course. Students will need access to a computer and the internet. See the Nursing page on the Gateway website for further course information. There is no class on 3/14 & 4/25.

543-112-3K1B M 11:20A-01:20P 01/24-05/09
Students will need to use their Gateway e-mail account when e-mailing the instructor during this course. Students will need access to a computer and the internet. See the Nursing page on the Gateway website for further course information. There is no class on 3/14 & 4/25.

543-112-3K1C Th 09:10A-11:10A 01/20-05/05
Students will need to use their Gateway e-mail account when e-mailing the instructor during this course. Students will need access to a computer and the internet. See the Nursing page on the Gateway website for further course information. There is no class on 3/17.

543-112-3K1D Th 11:20A-01:20P 01/20-05/05
Students will need to use their Gateway e-mail account when e-mailing the instructor during this course. Students will need access to a computer and the internet. See the Nursing page on the Gateway website for further course information. There is no class on 3/17.

543-112-3K1E Th 03:40P-05:40P 01/20-05/05
Students will need to use their Gateway e-mail account when e-mailing the instructor during this course. Students will need access to a computer and the internet. See the Nursing page on the Gateway website for further course information. There is no class on 3/17.

Burlington

543-112-3B1A T 09:10A-12:10P 01/25-04/19
There is no class on 3/01 & 3/15.

543-112-3B1B W 01:30P-04:30P 01/19-04/13
There is no class on 3/16.

543-112-3B1C Th 09:10A-01:10P 01/20-03/10
Th 09:10A-11:10A 03/24-03/24
There is no class on 3/17.

543-116 Nursing Clinical Transition 2.00 CR

\$248.46 PREREQUISITES: 543-113 Nursing Complex Health Alterations II and 543-114 Nursing Management and Professional and 543-115 Nursing Advanced Clinical Practice

This clinical experience prepares the student to assume the role of graduate nurse. The course promotes clinical decision-making, delegation, and collaboration to achieve client and organizational outcomes. Continued professional development is fostered.

Kenosha

543-116-3K1A TBA TBA-TBA 04/16-05/10
There will be a mandatory class meeting on Wednesday, February 2 from 1:30 - 3:30 pm or Thursday, February 3 from 1:30 - 3:30

pm. Also, there is a mandatory meeting on Thursday, April 14 from 1:25 - 3:25 pm.
543-116-3K1B TBA TBA-TBA 04/16-05/10
See below for additional course information.*
543-116-3K1C TBA TBA-TBA 04/16-05/10
See below for additional course information.*
543-116-3K1D TBA TBA-TBA 04/16-05/10
See below for additional course information.*
543-116-3K1E TBA TBA-TBA 04/16-05/10
See below for additional course information.*
543-116-3K1F TBA TBA-TBA 04/16-05/10
See below for additional course information.*

*There will be a mandatory class meeting on Wednesday, February 2 from 1:30 - 3:30 pm or Thursday, February 3 from 1:30 - 3:30 pm. Also, there is a mandatory meeting on Thursday, April 14 from 1:25 - 3:25 pm.

Burlington

543-116-3B1A TBA TBA-TBA 04/13-05/10
543-116-3B1B TBA TBA-TBA 04/13-05/10

543-109 Nursing Complex Health Alterations I 3.00 CR

\$372.69 PREREQUISITES: 543-105 Nursing Health Alterations and 543-106 Nursing Health Promotion and 543-107 Nursing: Clinical Care Across the and 543-108 Nursing: Introduction to Clinical Care
COREQUISITES: 806-197 Microbiology

Complex Health Alterations I prepares the learner to expand knowledge from previous courses in caring for clients with alterations in musculoskeletal, cardiovascular, respiratory, endocrine, and hematologic systems, as well as clients with fluid/electrolyte and acid-base imbalances and alterations in comfort.

Kenosha

543-109-3K11 MTh 04:45P-05:45P 01/20-05/09
MTh 05:45P-06:45P 01/20-05/09
See below for additional course information.*

543-109-3K1A M 09:10A-11:10A 01/24-05/09
M 11:10A-01:10P 01/24-05/09
See below for additional course information.*

543-109-3K1B MTh 11:20A-12:20P 01/20-05/09
MTh 12:20P-01:20P 01/20-05/09
See below for additional course information.*

543-109-3KMA BLND Th 11:20A-12:20P 01/20-05/05
Th 12:20P-01:20P 01/20-05/05
See below for additional course information.*

*Exams will be Fridays on Bb outside of class. Students will need access to a computer and the internet. See the Nursing page on the Gateway website for further course information. There is no class on 3/14, 3/17 & 4/25.

Burlington
543-109-3B1A W 08:05A-12:05P 01/19-05/04
There is no class on 3/16.

543-109-3B1B W 12:25P-04:25P 01/19-05/04
There is no class on 3/16.

Burlington

543-109-3B1A W 08:05A-12:05P 01/19-05/04
There is no class on 3/16.

543-109-3B1B W 12:25P-04:25P 01/19-05/04
There is no class on 3/16.

543-113 Nursing Complex Health Alterations II 3.00 CR

\$347.44 PREREQUISITES: 543-109 Nursing Complex Health Alterations I and 543-110 Nursing Mental Health Community Concepts and 543-111 Nursing Intermediate Clinical Practice and 543-112 Nursing Advanced Skills and 806-140 Microbiology and 806-179 Anatomy and Physiology, Advanced

Complex Health Alterations II prepares the learner to expand knowledge and skills from previous courses in caring for clients with alterations in the immune, neuro-sensory, musculoskeletal, gastrointestinal, hepatobiliary, renal/urinary, and reproductive systems. The learn will also focus on management of care for clients with high risk perinatal conditions, high risk newborns, and the ill child. Synthesis and application of previously learned concepts will be evident in the management of clients with critical/life threatening situations.

Kenosha

543-113-3K1A	W	09:00A-01:00P	01/19-04/13
543-113-3K1B	W	09:00A-01:00P	01/19-04/13
543-113-3KMA	BLND TBA	TBA-TBA	01/19-04/13

This is a blended class. Students will meet from 11:25 am - 1:25 pm on Wednesday 9 weeks out of the 12 week semester. The first meeting will be January 19 with the other Wednesdays scheduled according to the test schedule. Please note that hours may be subject to change and may be less than 9 out of the 12 weeks.

Burlington

543-113-3B1A	TW	01:30P-03:30P	01/19-04/13
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There is no class on 3/01, 3/15 & 3/16.

543-101 Nursing Fundamentals 2.00 CR

S232.96 Program Counselor consent required
 PREREQUISITES: 806-177 General Anatomy and Physiology
 This course focuses on basic nursing concepts that the beginning nurse will need to provide care to diverse patient populations. Current and historical issues impacting nursing will be explored within the scope of nursing practice. The nursing process will be introduced as a framework for organizing the care of patients with alterations in cognition, elimination, comfort, grief/loss, mobility, integument, and fluid/electrolyte balance.

Kenosha

543-101-3K1A	T	09:10A-11:10A	01/25-05/10
		See below for additional course information.*	
543-101-3K1B	T	12:25P-02:25P	01/25-05/10
		See below for additional course information.*	
543-101-3K1C	T	01:30P-03:30P	01/25-05/10
		See below for additional course information.*	
543-101-3KMA	BLND F	08:05A-10:05A	01/21-05/06

This is a blended class. There is no class on 3/18. See below for additional course information.*

*Students will be required to attend a mandatory orientation meeting. See the Nursing page @ www.gtc.edu/nursing on the GTC website for further course and orientation information. Students will need access to a computer and the internet. There is no class on 3/01 & 3/15.

Burlington

543-101-3B1A	T	09:10A-11:10A	01/25-05/10
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There is no class on 3/01 & 3/15.

543-105 Nursing Health Alterations 3.00 CR

S372.69 PREREQUISITES: 543-101 Nursing Fundamentals and 543-102 Nursing Skills and 543-103 Nursing Pharmacology and 543-104 Nsg: Intro Clinical Practice and 806-177 General Anatomy and Physiology or 806-179 Anatomy and Physiology, Advanced
 This course elaborates upon the basic concepts of health and illness as presented in Nursing Fundamentals. It applies theories of nursing in the care of clients through the lifespan, utilizing problem solving and critical thinking. This course will provide an opportunity to study conditions affecting different body systems and apply therapeutic nursing interventions. It will also introduce concepts of leadership, team building, and scope of practice.

Kenosha

543-105-3K1A	M	09:10A-11:10A	01/24-05/09
	M	11:10A-01:10P	01/24-05/09

See below for additional course information.*

543-105-3K1B	M	12:25P-02:25P	01/24-05/09
	M	02:25P-04:25P	01/24-05/09

See below for additional course information.*

543-105-3K1C	M	02:35P-04:35P	01/24-05/09
	M	04:35P-06:35P	01/24-05/09

See below for additional course information.*

543-105-3KMA	BLND M	01:30P-05:30P	01/24-05/02
	TBA	TBA-TBA	01/24-05/02

This Blended class starts on 1/24/11 at the Kenosha campus and meets every other week until 5/02/11. Students will need access to a computer and the internet.

*Students will need access to a computer and the internet. There are no classes on 3/14 or 4/25.

Burlington

543-105-3B1A	M	08:05A-12:05P	01/24-05/09
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There is no class on 3/14 & 4/25.

543-106 Nursing Health Promotion 3.00 CR

S347.44 PREREQUISITES: 543-101 Nursing Fundamentals and 543-102 Nursing Skills and 543-103 Nursing Pharmacology and 543-104 Nsg: Intro Clinical Practice and 809-188 Psychology, Developmental and 806-177 General Anatomy and Physiology or 806-179 Anatomy and Physiology, Advanced
 This course will cover topics related to health promotion in the context of the family. We will cover nursing care of the developing family, which includes reproductive issues, pregnancy, labor and delivery, post-partum, the newborn, and the child. Recognizing the spectrum of healthy families, we will discern patterns associated with adaptive and maladaptive behaviors, applying mental health principles. An emphasis is placed on teaching and supporting healthy lifestyle choices. Nutrition, exercise, stress management, empowerment, and risk reduction practices are highlighted. Study of the family will cover dynamics, functions, discipline styles, and stages of development.

This course will cover topics related to health promotion in the context of the family. We will cover nursing care of the developing family, which includes reproductive issues, pregnancy, labor and delivery, post-partum, the newborn, and the child. Recognizing the spectrum of healthy families, we will discern patterns associated with adaptive and maladaptive behaviors, applying mental health principles. An emphasis is placed on teaching and supporting healthy lifestyle choices. Nutrition, exercise, stress management, empowerment, and risk reduction practices are highlighted. Study of the family will cover dynamics, functions, discipline styles, and stages of development.

Kenosha

543-106-3K1A	M	09:10A-12:10P	01/24-05/09
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Students will need access to a computer and the internet. There is no class on 3/14 & 4/25.

543-106-3K1B	M	11:20A-02:20P	01/24-05/09
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See below for additional course information.*

543-106-3K1C	M	02:35P-05:35P	01/24-05/09
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See below for additional course information.*

543-106-3KMA	BLND M	02:30P-05:30P	01/31-05/09
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This Blended class starts on 1/31/11 at the Kenosha campus and meets every other week until 5/09/11. See below for additional course information.*

*Students will need access to a computer and the internet. There is no class on 3/14 & 4/25.

Burlington

543-106-3B1A	T	02:25P-05:35P	01/25-05/10
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There is no class on 3/01 & 3/15.

543-111 Nursing Intermediate Clinical Practice 3.00 CR

\$372.69 PREREQUISITES: NONE
COREQUISITES: 543-109 Nursing Complex Health Alterations I and 543-110 Nursing Mental Health Community Concepts and 543-112 Nursing Advanced Skills

This intermediate level clinical course develops the RN role when working with clients with complex health care needs. A focus of the course is developing skills needed for managing multiple clients and priorities. Using the nursing process, students will gain experience in adapting nursing practice to meet the needs of clients with diverse needs and backgrounds.

Kenosha

543-111-3K1A	TW	07:00A-11:30A	01/25-03/09
	TW	12:00P-03:00P	01/25-03/09
	TW	01:30P-05:00P	03/22-04/12
	TW	05:30P-08:30P	03/22-04/12

See below for additional course information.*

543-111-3K1B	TW	07:00A-11:00A	01/25-03/09
	TW	11:30A-02:30P	01/25-03/09
	TW	12:30P-04:30P	04/13-05/04
	TW	05:00P-07:30P	04/13-05/04

See below for additional course information.*

543-111-3K1C	TW	07:00A-11:00A	01/25-03/09
	TW	11:30A-02:30P	01/25-03/09
	TW	12:30P-04:30P	03/22-04/12
	TW	05:00P-07:30P	03/22-04/12

See below for additional course information.*

543-111-3K1D	TW	03:30P-05:30P	03/22-05/04
	TW	06:00P-11:00P	03/22-05/04
	TW	01:30P-05:00P	02/16-03/09
	TW	05:30P-08:30P	02/16-03/09

See below for additional course information.*

543-111-3K1E	TW	07:00A-11:00A	03/22-05/04
	TW	11:30A-02:30P	03/22-05/04
	TW	12:30P-04:30P	01/25-02/15
	TW	05:00P-07:30P	01/25-02/15

See below for additional course information.*

543-111-3K1F	TW	07:00A-11:00A	03/22-05/04
	TW	11:30A-02:30P	03/22-05/04
	TW	01:30P-05:00P	01/25-02/15
	TW	05:30P-08:30P	01/25-02/15

See below for additional course information.*

*Orientation for all sections of 510-111 will take place on Wednesday, 1/19/11; location, time and additional course information will be on the Nursing page of the Gateway website. Students will need to use their Gateway e-mail account when e-mailing the instructor during this course. Students will need access to a computer and the internet. There is no class on 3/01.

Burlington

543-111-3B1A	M	07:00A-04:30P	01/24-05/09
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There is no class on 3/14 & 4/25.

543-111-3B1B	M	07:00A-04:30P	01/24-05/09
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There is no class on 3/14 & 4/25.

543-111-3B1C	T	07:00A-04:30P	01/25-05/10
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There is no class on 3/01 & 3/15.

543-114 Nursing Management and Professional Concepts 2.00 CR

\$330.96 PREREQUISITES: 543-109 Nursing Complex Health Alterations I and 543-110 Nursing Mental Health Community Concepts and 543-111 Nursing Intermediate Clinical Practice and 543-112 Nursing Advanced Skills and 806-140 Microbiology and 806-179 Anatomy and Physiology, Advanced

This course covers nursing management and professional issues related to the role of the RN. Emphasis is placed on preparing for the RN practice.

Kenosha

543-114-3K1A		Th	09:10A-12:10P	01/20-04/14
543-114-3K1B		Th	03:40P-06:40P	01/20-04/14
543-114-3KMA	BLND	TBA	TBA-TBA	01/19-04/15

This is a blended class.

Burlington

543-114-3B1A		W	09:10A-12:10P	01/19-04/06
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There is no class on 3/16.

543-110 Nursing Mental Health Community Concepts 2.00 CR

\$232.96 PREREQUISITES: 543-105 Nursing Health Alterations and 543-106 Nursing Health Promotion and 543-107 Nursing: Clinical Care Across the and 543-108 Nursing: Introduction to Clinical Care
COREQUISITES: 806-179 Anatomy and Physiology, Advanced and 809-198 Psychology, Introduction to

This course will cover topics related to the delivery of community and mental health care. Specific health needs of individuals, families, and groups will be addressed. Attention will be given to diverse and at-risk populations. Mental health concepts will concentrate on adaptive/ maladaptive behaviors and specific mental health disorders. Community resources will be examined in relation to specific types of support offered to racial, ethnic, economically diverse individuals and groups.

Kenosha

543-110-3K1A		Th	09:10A-11:10A	01/20-05/05
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See below for additional course information.*

543-110-3K1B		Th	11:20A-01:20P	01/20-05/05
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See below for additional course information.*

543-110-3K1C		Th	03:40P-05:40P	01/20-05/05
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543-110-3KMA	BLND	Th	09:10A-10:10A	01/19-05/10
		TBA	TBA-TBA	01/19-05/10

This is a blended class. Exams will be on Fridays. Midterm and final exam will be proctored. Students will need access to a computer and the internet. See the Nursing page on the Gateway website for further course information. There is no class on 3/17.

*Exams will be on Bb outside of class. Students will need access to a computer and the internet. See the Nursing page on the Gateway website for further course information. There is no class on 3/17.

Burlington

543-110-3B1A		F	08:05A-10:05A	01/21-05/06
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There is no class on 3/18 & 4/22.

543-103 Nursing Pharmacology 2.00 CR

\$232.96 Program Counselor consent required
PREREQUISITES: NONE

This course introduces the principles of pharmacology, including drug classification and their effects on the body. Emphasis is on the use of the components of the nursing process when administering medication.

Kenosha				
543-103-3K1A	T	09:10A-11:10A	01/25-05/10	There is no class on 3/01 & 3/15. See below for additional course information.*
543-103-3K1B	F	09:10A-11:10A	01/21-05/06	There is no class on 3/01 & 3/15. See below for additional course information.*
543-103-3K1C	T	03:40P-05:40P	01/25-05/10	There is no class on 3/01 & 3/15. See below for additional course information.*
543-103-3KMA	BLND F	11:10A-01:10P	01/21-05/06	There is no class on 3/18. See below for additional course information.*

Burlington				
543-103-3B1A	F	10:15A-12:15P	01/21-05/06	There is no class on 3/18 & 4/22. See below for additional course information.*

*Students will be required to attend a mandatory orientation meeting. See the Nursing page @ www.gtc.edu/nursing on the GTC website for further course and orientation information. Students will need access to a computer and the internet.

543-102 Nursing Skills 3.00 CR

S372.69 Program Counselor consent required
PREREQUISITES: NONE

This course focuses on development of clinical skills and physical assessment across the lifespan. Content includes mathematic calculations and conversions related to clinical skills, blood pressure assessment, aseptic technique, wound care, oxygen administration, tracheostomy care, suctioning, management of enteral tubes, basic medication administration, glucose testing, enemas, ostomy care, and catheterization. In addition, the course includes techniques related to obtaining a health history and basic physical assessment skills using a body systems approach.

Kenosha				
543-102-3K11	MT	05:50P-08:50P	01/24-05/10	There is no class on 3/01, 3/14, 3/15 & 4/25. See below for additional course information.*
543-102-3K12	WTh	05:50P-08:50P	01/19-05/05	There is no class on 3/16 & 3/17. See below for additional course information.*
543-102-3K1A	M	08:05A-11:05A	01/24-05/09	
	M	12:05P-03:05P	01/24-05/09	
				There is no class on 3/14 & 4/25. See below for additional course information.*
543-102-3K1B	W	09:10A-12:10P	01/19-05/04	
	W	01:10P-04:10P	01/19-05/04	
				There is no class on 3/16. See below for additional course information.*
543-102-3K1C	Th	08:05A-11:05A	01/20-05/05	
	Th	12:05P-03:05P	01/20-05/05	
				There is no class on 3/17. See below for additional course information.*
543-102-3K1D	WF	10:15A-01:15P	01/19-05/06	There is no class on 3/16, 3/18 & 4/22. See below for additional course information.*
543-102-3K1E	T	08:05A-11:05A	01/25-05/10	
	T	12:05P-03:05P	01/25-05/10	
				There is no class on 3/01 & 3/15. See below for additional course information.*

543-102-3K1F	S	08:30A-11:30A	01/22-05/07	
	S	12:00P-03:00P	01/22-05/07	
				There is no class on 3/19 & 4/23. See below for additional course information.*
543-102-3K1G	T	10:15A-06:45P	01/25-05/10	There is no class on 3/01 & 3/15. See below for additional course information.*

*Students will be required to attend a mandatory orientation meeting. See the Nursing page @ www.gtc.edu/nursing on the GTC website for further course and orientation information. Students will need access to a computer and the internet.

Burlington				
543-102-3B1A	MW	09:10A-12:10P	01/24-05/09	There is no class on 3/14, 3/16 & 4/25.
543-102-3B1B	M	01:30P-07:30P	01/24-05/09	There is no class on 3/14 & 4/25.
543-102-3B1C	T	01:30P-07:30P	01/25-05/10	There is no class on 3/01 & 3/15.

543-107 Nursing: Clinical Care Across the Lifespan 2.00 CR

S248.46 PREREQUISITES: NONE

COREQUISITES: 543-106 Nursing Health Promotion

This clinical experience applies nursing concepts and therapeutic interventions to clients across the lifespan. It also provides an introduction to concepts of teaching and learning. Extending care to include the family is emphasized.

Kenosha				
543-107-3K1A	TW	07:00A-03:00P	01/25-03/08	Students will need access to a computer and the internet. There is no class on 3/01.
543-107-3K1B	TW	02:00P-10:00P	01/25-03/08	Students will need access to a computer and the internet. There is no class on 3/01.
543-107-3K1C	F	07:00A-01:30P	01/21-01/21	
	F	07:00A-07:30P	01/28-03/11	Students will need access to a computer and the internet. Orientation is on 1/21/11 from 7:00 am - 1:30 pm.
543-107-3K1D	WTh	07:00A-03:00P	01/26-03/03	Students will need access to a computer and the internet.
543-107-3K1E	TW	07:00A-03:00P	03/29-05/04	Students will need access to a computer and the internet.
543-107-3K1F	WTh	07:00A-03:00P	03/30-05/05	Students will need access to a computer and the internet.
543-107-3K1G	Th	01:30P-07:30P	03/10-03/10	
	Th	07:00A-07:30P	03/24-05/05	Students will need access to a computer and the internet. Orientation is on 3/10/11 from 1:30 - 7:30 pm. There is no class on 3/17 because of Spring Break.
543-107-3K1H	TW	02:00P-10:00P	03/29-05/04	Students will need access to a computer and the internet.
Burlington				
543-107-3B1A	Th	08:00A-03:30P	01/20-05/05	There is no class on 3/17.
543-107-3B1B	Th	08:00A-03:30P	01/20-05/05	There is no class on 3/17.
543-107-3B1C	F	08:00A-03:30P	01/21-05/06	There is no class on 3/18 & 4/22.

543-108	Nursing: Introduction to Clinical Care Management			2.00 CR
5248.46	PREREQUISITES: NONE COREQUISITES: 543-105 Nursing Health Alterations			
This clinical experience applies nursing concepts and therapeutic nursing interventions to groups of clients. It also provides an introduction to leadership, management, and team building.				
Kenosha				
543-108-3K1A	TW	07:15A-03:15P	03/29-05/04	
Students will need access to a computer and the internet.				
543-108-3K1B	TW	02:00P-10:00P	03/29-05/04	
Students will need access to a computer and the internet.				
543-108-3K1C	Th	07:00A-01:30P	03/10-03/10	
	Th	07:00A-07:30P	03/24-05/05	
Students will need access to a computer and the internet. Orientation is on 3/10/11 from 7:00 am - 1:30 pm. There is no class on 3/17 because of Spring Break.				
543-108-3K1D	WTh	07:15A-03:15P	03/30-05/05	
Students will need access to a computer and the internet.				
543-108-3K1E	TW	07:15A-03:15P	01/25-03/08	
Students will need access to a computer and the internet. There is no class on 3/01.				
543-108-3K1F	WTh	07:15A-03:15P	01/26-03/03	
Students will need access to a computer and the internet.				
543-108-3K1G	Th	07:00A-07:30P	01/20-03/03	
	Th	07:00A-01:00P	03/10-03/10	
Students will need access to a computer and the internet. On 3/10/11 meets only from 7:00 am - 1:00 pm.				
543-108-3K1H	TW	02:00P-10:00P	01/25-03/08	
Students will need access to a computer and the internet. There is no class on 3/01.				
Burlington				
543-108-3B1A	M	01:30P-08:00P	01/24-05/09	
There is no class on 3/14 & 4/25.				
543-108-3B1B	TW	07:00A-02:00P	01/19-03/09	
There is no class on 3/01.				
543-108-3B1C	TW	07:00A-02:00P	03/22-05/10	

Nursing and Nursing Related

510-105	LPN Refresher I - Theory/Lab			3.00 CR
\$392.19	PREREQUISITES: NONE			
This course is designed to meet Wisconsin State Board of Nursing requirements to be licensed as an LPN and re-enter the work force. The student will learn current theoretical nursing practices. Topics included in the course are: trends, responsibilities and scope of practice, the nursing process, documentation, medication and pharmacy updates, infection control, supervision/ delegation, nursing care specific to the aging population, and communication skills.				
Burlington				
510-105-3BMA	BLND	TBA	TBA-TBA	01/19-05/10
This is a blended class. The lecture is on-line and the lab is in the skills lab. The first class will meet on Wednesday, 1/19/11 in the Burlington Skills Lab from 2 - 4 pm.				

510-106	LPN Refresher II - Clinical			1.00 CR
\$130.73	PREREQUISITES: NONE			
The clinical experience builds upon the theory and practicum reviewed in LPN Refresher I - Theory/Lab. This experience is determined by the student's preference and site availability and may be performed in a hospital or long term/sub-acute facility. It is highly recommended that the majority of the hours be spent in a long-term care facility. The course consists of 70 or more hours of directly supervised or precepted clinical experience. As the experience progresses, so does the independence of the student.				
Burlington				
510-106-3B1A	TBA	TBA-TBA	01/19-05/10	
510-152	NSG: Applied Pediatric Concepts			1.00 CR
\$118.48	PREREQUISITES: 809-188 Psychology, Developmental and 543-106 Nursing Health Promotion			
This one credit seminar format course prepares the learner to expand knowledge from previous courses to the nursing care of children. Students will actively apply nursing concepts while focusing on issues of communication, intervention, development and current thematic issues in the care of children.				
Kenosha				
510-152-3K11	T	04:45P-06:45P	02/01-04/05	
Students will need access to a computer and the internet. There is no class on 3/01 & 3/15.				
510-151	Nsg: Endocrine & Electrolytes Disorders			1.00 CR
\$118.48	PREREQUISITES: 543-105 Nursing Health Alterations and 543-106 Nursing Health Promotion and 543-107 Nursing: Clinical Care Across the and 543-108 Nursing: Introduction to Clinical Care			
This course is designed to enhance the learning of nursing students in planning care for the client with disorders of the endocrine system, fluids, electrolytes, and acid-base balance.				
Kenosha				
510-151-3K1A	F	09:30A-12:00P	01/21-02/25	
Students will need to use their Gateway e-mail accounts when contacting their instructor. Students will need access to a computer and the internet. See the Nursing page on the Gateway website for further information.				

510-104	Nursing Curriculum Transition			5.00 CR
\$653.65	Instructor consent required PREREQUISITES: NONE			
This course meets the needs of students in the "old" curriculum as they transition from the second semester to the third semester of the state aligned curriculum. The course addresses competencies from health promotion, health alterations, and the community content from third semester. Students who have completed second semester take this course to prepare for entry into the state curriculum.				
Racine				
510-104-3RMB	BLND	T	12:25P-02:25P	01/25-03/08
		T	02:35P-06:25P	01/25-03/08
Counselor Permission. Must meet course prerequisite. For students in HUC program courses 510-301, 510-302, 510-303. After those students placed as necessary in this section, other students requiring this course could be placed here.				

510-154	Pathophysiology for Health Professions			3.00 CR
\$347.44	PREREQUISITES: 806-177 General Anatomy and Physiology			
This course prepares the learner to expand and reinforce knowledge as it relates to pathology across the lifespan. The course is designed to support the health care				

provider in understanding from a cellular level how functional and physiologic changes occur as a result of a disease. A comprehensive understanding of anatomy and physiology is addressed and promoted. Physiological alterations of focus will include: . Neoplasms . Congenital and genetic disorders . Diseases related to the child, adult and elderly . Neurologic, cardiovascular, respiratory, digestive, genitourinary, endocrine, musculoskeletal, skin and reproductive disorders Special emphasis is placed on promoting a climate where the learner is expected to synthesize and apply previous learned concepts to physiologic adaptations because of a defined pathology.

Kenosha
510-154-3K11 W 04:45P-07:45P 01/19-05/04
There is no class on 3/16.

Burlington
510-154-3B1A Th 08:05A-11:05A 01/20-05/05
There is no class on 3/17.

510-107 RN Refresher I - Theory/Lab 3.00 CR

S392.19 PREREQUISITES: NONE

This course is designed to update the RN on theoretical components of nursing practice and to meet Wisconsin State Board of Nursing requirements as an RN ready to enter the work force. Topics included in the course are: ethics, legal issues, trends, professional issues, the nursing process, documentation, physical and nutritional assessment, medication and intravenous fluid therapy, leadership, and communication skills.

Kenosha
510-107-3KMA BLND TBA TBA-TBA 01/19-05/04
This is a blended class. Theory component is entirely online followed by required on campus nursing skills laboratory review, which can be done on either campus. Students will need frequent access to a computer and the internet. The first class will meet on Wednesday, 1/19/11 at the Kenosha campus in the Nursing Skills Lab from 2 - 4 pm.

510-108 RN Refresher II - Clinical 2.00 CR

S261.46 PREREQUISITES: NONE

This clinical experience builds upon the theory and practicum reviewed in RN Refresher I - Theory/Lab. This experience is determined by the student's preference and site availability and may be performed in a hospital, clinic, or long term/ sub-acute facility. The course consists of 100 or more hours of directly supervised or precepted clinical experience. As the experience progresses, so does the independence of the student.

Kenosha
510-108-3K1A TBA TBA-TBA 01/19-05/10
Approximately 100 clinical hours working with an RN Preceptor. Clinical days, times and sites are based on individual student requests and learning needs. The clinical facility and patient care environment is determined with consideration of the student's plan for re-entering the nursing workforce. Students will need access to a computer and the internet. The first class will meet on Wednesday, 1/19/11 in the Kenosha Skills Lab from 2 - 4 pm.

510-805 TEAS TEST

S20.00 PREREQUISITES: 806-177 General Anatomy and Physiology
The Test of Essential Academic Skills (TEAS) measures basic essential skills in the academic content area domains of Reading, Mathematics, Science, and English and Language Usage. Passing the TEAS test is required in order to submit a petition to enter the Nursing Program Technical Studies (543-XXX) courses. A score of at least fifty percent (50%) on each component (Reading, Math, Science and English) of the TEAS is considered a passing score.

Kenosha				
510-805-3K11	M	05:00P-09:00P	01/03-01/03	
510-805-3K12	M	05:00P-09:00P	03/07-03/07	
510-805-3K13	M	05:00P-09:00P	04/04-04/04	
510-805-3K14	M	05:00P-09:00P	05/02-05/02	
510-805-3K1A	M	08:00A-12:00P	01/03-01/03	
510-805-3K1B	M	01:00P-05:00P	01/03-01/03	
510-805-3K1C	T	08:00A-12:00P	01/04-01/04	
510-805-3K1D	T	01:00P-05:00P	01/04-01/04	
510-805-3K1E	W	08:00A-12:00P	01/05-01/05	
510-805-3K1F	W	01:00P-05:00P	01/05-01/05	
510-805-3K1G	Th	08:00A-12:00P	01/06-01/06	
510-805-3K1H	Th	01:00P-05:00P	01/06-01/06	
510-805-3K1I	M	08:00A-12:00P	03/07-03/07	
510-805-3K1J	M	01:00P-05:00P	03/07-03/07	
510-805-3K1K	T	08:00A-12:00P	03/08-03/08	
510-805-3K1L	T	01:00P-05:00P	03/08-03/08	
510-805-3K1M	W	08:00A-12:00P	03/09-03/09	
510-805-3K1N	W	01:00P-05:00P	03/09-03/09	
510-805-3K1O	Th	08:00A-12:00P	03/10-03/10	
510-805-3K1P	Th	01:00P-05:00P	03/10-03/10	
510-805-3K1Q	M	08:00A-12:00P	04/04-04/04	
510-805-3K1R	M	01:00P-05:00P	04/04-04/04	
510-805-3K1S	M	08:00A-12:00P	05/02-05/02	
510-805-3K1T	M	01:00P-05:00P	05/02-05/02	
Burlington				
510-805-3B11	T	04:00P-08:00P	01/11-01/11	
510-805-3B12	T	04:00P-08:00P	03/08-03/08	
510-805-3B1A	M	08:00A-12:00P	01/10-01/10	
510-805-3B1B	M	01:00P-05:00P	01/10-01/10	
510-805-3B1C	T	08:00A-12:00P	01/11-01/11	
510-805-3B1D	W	08:00A-12:00P	01/12-01/12	
510-805-3B1E	W	01:00P-05:00P	01/12-01/12	
510-805-3B1F	Th	08:00A-12:00P	01/13-01/13	
510-805-3B1G	Th	01:00P-05:00P	01/13-01/13	
510-805-3B1H	M	08:00A-12:00P	03/07-03/07	
510-805-3B1I	M	01:00P-05:00P	03/07-03/07	
510-805-3B1J	T	08:00A-12:00P	03/08-03/08	
510-805-3B1K	W	08:00A-12:00P	03/09-03/09	
510-805-3B1L	W	01:00P-05:00P	03/09-03/09	
510-805-3B1M	Th	08:00A-12:00P	03/10-03/10	
510-805-3B1N	Th	01:00P-05:00P	03/10-03/10	

Pharmacy

536-134 Managing Pharmacy Benefits 3.00 CR

S347.44 PREREQUISITES: 536-112 Pharmaceutical Business Applications and 536-120 Fundamentals of Reading Prescriptions
COREQUISITES: 536-110 Pharmacy Calculations

This course prepares the learner to utilize terminology pertinent to third party reimbursements in the field of pharmacy, analyze the various popular formulary systems, calculate the selling price for a prescription based on the Average Wholesale Price (AWP) and the formula required by the Pharmacy Benefit Manger, analyze the role of the Pharmacy Benefits Manger in the health care system, and summarize medical coverage provided by government agencies.

Elkhorn
536-134-3E1A W 05:30P-08:30P 01/19-05/04

536-110 Pharmacy Calculations 3.00 CR

S347.44 PREREQUISITES: 501-101 Medical Terminology and 536-120 Fundamentals of Reading Prescriptions
COREQUISITES: 536-134 Managing Pharmacy Benefits

Prepares the learner to convert weights and volumes between the avoirdupois, the apothecary, and the metric systems of measurement; unitize ratios & proportions; reduce and enlarge pharmaceutical formulas; calculate medication quantities from percent w/w, w/v, v/v, ppm, and ratio concentrations; perform dilution calculations; utilize the "alligation" method; solve problems related to electrolyte solutions; convert temperatures between the Fahrenheit and Celsius scales; convert military and standard time; and calculate individualized patient doses based on body surface area, age, and/or weight of the patient.

Elkhorn
536-110-3E1A M 05:30P-08:30P 01/24-05/09

Physical Therapy Assistant

524-147 PTA Clinical Practice 1 2.00 CR

S241.96 PREREQUISITES: NONE
COREQUISITES: 524-141 PTA Kinesiology 2 and 524-143 PTA Therapeutic Modalities

This course provides a part-time clinical experience to apply foundational elements, knowledge, and technical skills pertinent to physical therapy practice. It is the equivalent of 524-147 at other WTCS schools.

Kenosha
524-147-3K1A W 08:00A-11:15A 01/19-01/26
M 08:00A-11:15A 01/24-01/24
M 08:00A-12:00P 04/18-04/18
W 08:00A-12:00P 04/20-04/20
MWF 08:00A-12:00P 01/31-04/08

524-151 PTA Clinical Practice 3 5.00 CR

S576.40 PREREQUISITES: 524-144 PTA Principles of Neuromuscular and 524-145 PTA Musculoskeletal Rehabilitation and 524-146 PTA Management of Cardiopulmonary and 524-148 PTA Clinical Practice 2

This course provides a full-time clinical experience to apply foundational elements, knowledge, and technical skills required of the entry level physical therapist assistant in various practice settings.

Kenosha
524-151-3K1A M 01:00P-05:00P 02/21-02/21
Th 10:00A-12:00P 02/24-02/24
MTWThF 08:00A-04:30P 02/28-04/29

2/21 is required pre-clinical meeting, one time only

524-141 PTA Kinesiology 2 4.00 CR

S483.92 PREREQUISITES: 524-138 PTA Kinesiology 1
This course applies basic principles from PTA Kinesiology 1 to the axial skeleton and upper quadrant, including location and identification of muscles, joints, and other landmarks. Students assess range of motion and strength of the axial skeleton and upper quadrant and integrate analysis of posture and gait. This course is equivalent to 524-141 at other WTCS schools.

Kenosha
524-141-3K1A T 10:15A-12:20P 01/25-05/10
M 03:40P-05:45P 01/24-05/09
Th 02:35P-04:40P 01/20-05/05
524-141-3K1B T 10:15A-12:20P 01/25-05/10
M 03:40P-05:45P 01/24-05/09
T 04:45P-06:50P 01/25-05/10

524-145 PTA Musculoskeletal Rehabilitation 4.00 CR

S483.92 PREREQUISITES: 524-139 PTA Patient Interventions
COREQUISITES: 524-141 PTA Kinesiology 2 and 524-142 PTA Therapeutic Exercise

This course integrates concepts of musculoskeletal pathologies, physical therapy interventions, and data collection in patient treatment. It is equivalent to 524-145 at other WTCS schools.

Kenosha
524-145-3K1A Th 10:15A-12:20P 01/20-05/05
Th 12:25P-02:30P 01/20-05/05
M 01:30P-03:35P 01/24-05/09
524-145-3K1B Th 10:15A-12:20P 01/20-05/05
Th 12:25P-02:30P 01/20-05/05
T 08:05A-10:10A 01/25-05/10

524-150 PTA Professional Issues 2 2.00 CR

S232.96 PREREQUISITES: 524-140 PTA Professional Issues 1
COREQUISITES: 524-148 PTA Clinical Practice 2

This course incorporates professional development, advanced legal and ethical issues, healthcare management and administration, and further development of professional communication strategies.

Kenosha
524-150-3K1A M 08:05A-12:20P 01/24-02/21
MWF 08:05A-12:20P 05/02-05/06

524-149 PTA Rehabilitation Across the Lifespan 2.00 CR

S241.96 PREREQUISITES: 524-144 PTA Principles of Neuromuscular and 524-145 PTA Musculoskeletal Rehabilitation and 524-148 PTA Clinical Practice 2
COREQUISITES: 524-146 PTA Management of Cardiopulmonary and

This capstone course integrates concepts of pathology, physical therapy interventions, and data collection across the lifespan. In addition, the PTA's role in health, wellness and prevention, reintegration, and physical therapy interventions for special patient populations will be addressed. This course is equivalent to 524-149 at other WTCS schools.

Kenosha
524-149-3K1A W 08:05A-10:10A 01/19-02/23
F 08:05A-09:05A 01/21-02/25
W 10:15A-01:25P 01/19-02/23
F 09:10A-12:00P 01/21-02/25
M 12:25P-01:25P 05/02-05/02

524-142 PTA Therapeutic Exercise 3.00 CR

S362.94 PREREQUISITES: 806-177 General Anatomy and Physiology
COREQUISITES: 524-138 PTA Kinesiology 1

This course provides instruction on the implementation of a variety of therapeutic exercise principles. Learners implement, educate, adapt, and assess responses to therapeutic exercises.

Kenosha
524-142-3K1A Th 08:05A-09:45A 01/20-05/05
T 01:30P-04:40P 01/25-05/10
524-142-3K1B Th 08:05A-09:45A 01/20-05/05
W 01:30P-04:40P 01/19-05/04

Quality Interdisciplinary

625-121 MSSC Certification Preparation and Assessment 2.00 CR

S462.96 PREREQUISITES: NONE

This class prepares students to earn MSSC production certification. It will emphasize areas required in the certification that are not covered in other AMST coursework. The students will take the four MSSC certification modules as part of the class. Students may retake modules if needed. The Manufacturing Skill Standards Council (MSSC) certification system assesses worker skills and knowledge based on industry-validated skill standards for all manufacturing sectors. Leading to nationally recognized certification as a "Manufacturing Production Technician", the program includes assessments in four areas: manufacturing processes and production; quality assurance; maintenance awareness; and health, safety, and environmental assurance. Once students pass all four modules, they will receive their "MSSC Production Technician" certificate.

Lakeview Advanced Tech. Center

625-121-3L61 SP MTWTh 03:30P-09:00P 01/19-05/10

This course is offered on an open entry self-paced schedule.
Each student will meet with the instructor to establish a schedule.
Assessment test fees are included in the course fee.

Elkhorn

625-121-3E6A SP MW 03:00P-08:00P 01/19-05/09

Radiologic Technology

526-174 ARRT Certification Seminar 2.00 CR

S232.96 PREREQUISITES: 526-199 Radiography Clinical 4
COREQUISITES: 526-189 Radiographic Pathology and 526-190 Radiography Clinical 5 and 526-195 Radiographic Quality Analysis

Provides preparation for the for the national certification examination prepared by the American Registry of Radiologic Technologists. Emphasis is placed on the weak areas of the individual students. Simulated registry examinations are utilized.

Burlington

526-174-3B1A TTh 12:30P-02:30P 03/22-05/10

526-197 Radiation Protection and Biology 3.00 CR

S347.44 PREREQUISITES: 526-199 Radiography Clinical 4
COREQUISITES: 526-174 ARRT Certification Seminar and 526-189 Radiographic Pathology and 526-190 Radiography Clinical 5 and 526-195 Radiographic Quality Analysis

This course prepares radiography students to protect themselves and others from exposure to radioactivity. Students examine the characteristics of radiation and how radiation affects cell biology. Students apply standards and guidelines for radiation exposure.

Burlington

526-197-3B1A TTh 08:05A-09:35A 01/26-05/11

526-170 Radiographic Imaging 2 3.00 CR

S347.44 PREREQUISITES: 526-149 Radiographic Procedures 1 and 526-158 Introduction to Radiography and 526-159 Radiographic Imaging 1 and 526-168 Radiography Clinical 1
COREQUISITES: 526-191 Radiographic Procedures 2 and 526-192 Radiography Clinical 2

This course prepares radiography students to apply advanced radiographic principles to the production of radiographic images. Students analyze exposure factor considerations, differentiate between film and exposure latitude, and use beam restricting devices.

Burlington

526-170-3B1A W 08:05A-11:05A 01/19-05/10

526-189 Radiographic Pathology 1.00 CR

S118.48 Instructor consent required
PREREQUISITES: 526-199 Radiography Clinical 4
COREQUISITES: 526-174 ARRT Certification Seminar and 526-190 Radiography Clinical 5 and 526-195 Radiographic Quality Analysis and 526-197 Radiation Protection and Biology

This course prepares radiography students to determine the basic radiographic manifestations of pathological conditions. Students classify trauma related to site, complications, and prognosis and locate the radiographic appearance of pathologies.

Burlington

526-189-3B1A T 03:30P-05:30P 01/25-03/08

526-191 Radiographic Procedures 2 5.00 CR

S621.15 PREREQUISITES: 526-149 Radiographic Procedures 1 and 526-158 Introduction to Radiography and 526-159 Radiographic Imaging 1 and 526-168 Radiography Clinical 1
COREQUISITES: 526-170 Radiographic Imaging 2 and 526-192 Radiography Clinical 2

This course prepares radiography students to perform routine radiologic procedures on various parts of the body, including the skull and spine. Students apply knowledge of human anatomy to position the patient correctly to achieve the desired result.

Burlington

526-191-3B1A	M	09:05A-12:05P	01/24-05/10
	M	03:00P-07:00P	01/24-05/10
526-191-3B1B	M	09:05A-12:05P	01/24-05/09
	M	12:30P-02:30P	01/24-05/09
	W	11:30A-01:30P	01/19-05/04

526-195 Radiographic Quality Analysis 2.00 CR

S248.46 PREREQUISITES: 526-199 Radiography Clinical 4
COREQUISITES: 526-174 ARRT Certification Seminar and 526-189 Radiographic Pathology and 526-190 Radiography Clinical 5 and 526-197 Radiation Protection and Biology

This course prepares radiography students to analyze radiographic images for quality. Students apply quality control tests to determine the causes of image problems, including equipment malfunctions and procedural errors.

Burlington

526-195-3B1A	T	10:15A-11:15A	01/25-05/10
	Th	10:15A-12:15P	01/20-05/05

526-192 Radiography Clinical 2 3.00 CR

S347.44 PREREQUISITES: 526-149 Radiographic Procedures 1 and 526-158 Introduction to Radiography and 526-159 Radiographic Imaging 1 and 526-168 Radiography Clinical 1
COREQUISITES: 526-170 Radiographic Imaging 2 and 526-191 Radiographic Procedures 2

This second level clinical prepares radiography students to perform radiologic procedures on patients with extensive supervision and direction. Students apply radiation protection and standard precautions in the production of radiographs in a health care setting while adhering to legal and ethical guidelines. An emphasis of the course is the development of communication and critical thinking skills appropriate to the clinical setting.

Off Campus

526-192-3Z1A	TBA	TBA-TBA	01/20-05/11
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526-190 Radiography Clinical 5 2.00 CR

\$232.96 PREREQUISITES: 526-199 Radiography Clinical 4
COREQUISITES: 526-174 ARRT Certification Seminar and 526-189 Radiographic Pathology and 526-195 Radiographic Quality Analysis and 526-197 Radiation Protection and Biology

This fifth level clinical course prepares radiography students to perform radiologic procedures on patients with some supervision. Students apply radiation protection and standard precautions in the production of radiographs in a health care setting while adhering to legal and ethical guidelines. Students are encouraged to demonstrate independent judgment in the performance of clinical competencies.

Off Campus
526-190-3Z1A TBA TBA-TBA 01/19-05/09

Related Business

105-106 Business Communications 3.00 CR

\$377.44 PREREQUISITES: 801-136 English Composition 1
In this course, students apply the skills and tools necessary to effectively compose business communication in a written format. Each student demonstrates the application of analyzing the communication situation, including: planning and preparing the message; developing persuasive, informational, and negative messages, sales letters, media releases, proposals and promotional materials; demonstrating skills in basic writing mechanics and English grammar; and effective electronic communication.

Off Campus
105-106-3W7A INET TBA TBA-TBA 01/25-05/10

Additional fees apply to this class — cost is \$377.44

Renewable Energy — Electricity

482-110 Intro to Sustainable Energy 2.00 CR

\$287.46 PREREQUISITES: NONE
Introduction to Sustainable Energy will describe force, work, energy, and power as related to alternative-energy systems. The fundamental operation of the electric power grid is described. The focus of this course is on small business and residential applications of distributed renewable-energy electrical-generation systems like small wind turbines, photovoltaic systems, and fuel cells. This course will be tied to the Alternative Energy Hybrid Systems Integrator Level I Certification examination offered by the Electronics Technicians Association, International.

CATI
482-110-3C9A S 08:00A-11:00A 01/22-05/07

482-101 Wind Systems, Intro to 3.00 CR

\$347.44 PREREQUISITES: NONE
This course prepares the learner to assess the global energy picture; analyze the causes of wind and wind flow properties; explore small, medium, and large wind turbine designs; assess the environmental effects of wind turbines; perform business and site assessments for a wind turbine project, plan your wind turbine project, evaluate operation and maintenance of the turbine system, and analyze the future of wind energy.

Kenosha
482-101-3K11 T 05:50P-08:50P 01/25-05/10

Renewable Energy — Thermal

483-179 Flushing, Purging and Pressurizing 2.00 CR

\$267.96 PREREQUISITES: 483-173 Plastic Fusion Applications and 483-177 Trenching/Header Fundamentals

This course is for the advanced student who already understands and can perform socket and butt fusion of HDPE piping. Course content includes the leak and pressure testing of the completed the associated headers and supply/return runs from inside the building. The techniques for flushing debris and trapped air from the completed piping circuits are practiced during lab activities. Troubleshooting and identifying restricted and collapsed loops are demonstrated and the introduction and testing of antifreeze levels in pressurized and non-pressurized flow centers is also covered.

Kenosha
483-179-3K1A MW 09:10A-10:10A 01/19-02/16
MW 10:10A-02:10P 01/19-02/16

483-181 Geo Site & Record Management 3.00 CR

\$347.44 PREREQUISITES: NONE
This course introduces the student to the types of records and data that must be collected, tabulated, maintained and reported to governmental bodies. The proper preparation of driller logs, equipment safety and maintenance logs, driver road logs and collection of loopfield coordinates for warranty submission are covered.

Kenosha
483-181-3K1A MW 09:10A-12:30P 02/21-03/28

483-175 GeoExchange Site Safety 1.00 CR

\$118.48 Instructor consent required
PREREQUISITES: NONE
This course introduces the student to the hazards associated with the typical active worksite at a GeoExchange installation project. Topics covered include recognizing and preventing motion hazards, fall prevention, lifting safety and open trench/hole precautions. General personal protection of head/limbs and hearing/sight will also be covered.

Kenosha
483-175-3K1A F 09:10A-02:10P 01/28-02/11

483-178 Geological Formations for Drillers 3.00 CR

\$347.44 PREREQUISITES: NONE
This course introduces the student to the complex field of geology as it relates to borehole construction. The types of consolidated and unconsolidated formations, the regional occurrence, the most efficient drilling process for each as well as basic rock identification and sample classification for logging purposes are covered. Sources of possible contamination and the protection of subsurface groundwater from the drilling process or surface contaminates are covered.

Kenosha
483-178-3K1A T 09:10A-12:10P 01/25-05/10

483-177 Trenching/Header Fundamentals 2.00 CR

\$267.96 PREREQUISITES: 483-173 Plastic Fusion Applications and 483-174 Introduction to Ground Loop Methods and 483-175 GeoExchange Site Safety

This course teaches the student the fundamentals of calculating and constructing 2 pipe reverse return reducing headering. Calculating necessary flow rates for proper flushing and purging of loops and header systems are demonstrated. Working in, around and proper construction and back filling of header trenches is also covered.

Kenosha
483-177-3K1A MW 09:10A-10:10A 04/06-05/09
MW 10:10A-02:10P 04/06-05/09

Small Business

145-105 Entrepreneurship 1 - Feasibility 3.00 CR

S347.44 PREREQUISITES: NONE

COREQUISITES: 801-136 English Composition I

This class is based on internationally recognized entrepreneurship training. Can your idea be turned into a profitable business? Will power and hard work be not enough to guarantee success. You must first determine the feasibility of your idea. Before you quit your job, invest your life savings or dedicate time to a complete business plan wouldn't it be nice to know whether your business idea has merit? In this class, you'll examine your business idea from every angle. Not only will it help you make a decision about starting your business, you will discover whether the life of an entrepreneur is right for you.

Kenosha

145-105-3K31 T 06:00P-09:25P 01/25-03/22

145-106 Entrepreneurship 3 - Operations MGMT 3.00 CR

S347.44 PREREQUISITES: 145-105 Entrepreneurship 1 - Feasibility

This course covers the aspect of effectively managing the resources of a small business. Covering the topics of managing finances, staff, marketing and technology. The student will work on projects that will be focused on their specific business needs and will assist the student in planning how to handle their day to day operations.

Kenosha

145-106-3K11 W 06:00P-09:00P 01/19-05/04

145-104 Entrepreneurship-New Venture 3.00 CR

S377.44 PREREQUISITES: NONE

This class is based on internationally recognized entrepreneurship training. Designed specifically for aspiring entrepreneurs and entrepreneurship students, After determining that your idea is feasible the real work begins, this course takes a comprehensive look at your prospective business. Looking at key components that includes evaluating and developing your product/service offering, marketing plan, financial plan and growth plan. At the end of the class you will develop a business plan for your proposed business.

Off Campus

145-104-3W7A INET TBA TBA-TBA 01/19-05/10

Additional fees apply to this class — cost is \$377.44. This Internet course requires a computer with access to the Internet, access to the World Wide Web, an e-mail account and Microsoft Word. You will be contacted by the instructor via regular and/or e-mail prior to the first class of the semester with directions on how to access the course. If there are any questions pertaining to the course, please direct them to Ed Grochowski at: grochowski@gtc.edu

Small Engine/ Chassis Mechanic

461-120 Small Power Equipment 3.00 CR

S392.19 PREREQUISITES: NONE

Structure and theory of the two and four cycle engines. Troubleshooting, storage, maintenance, and repair of the small gas engine are included. Safety of the operator is stressed along with the use and study of operator's manuals for small power equipment.

Kenosha

461-120-3K11 W 04:45P-05:45P 01/19-05/04

W 05:45P-09:45P 01/19-05/04

461-120-3K1A W 09:10A-10:10A 01/19-05/04

W 10:10A-02:10P 01/19-05/04

Supervisory Management

196-100 Accelerated Learning 1.00 CR

S118.48 PREREQUISITES: NONE

In Accelerated Learning, the learner will acquire the skills and tools necessary to be successful in an accelerated learning environment.

Kenosha

196-100-3K31 AC T 05:30P-09:30P 01/25-02/01

This class is offered in the accelerated format and will require substantial work outside the class on the part of the student. The class requires the use of Blackboard which will be available to students on the internet a week before the first class session. Students are expected to read the announcements, syllabus, and complete (Learning Plan 1) assignments before the first class session and come into class prepared.

Racine

196-100-3R31 AC W 05:50P-09:30P 01/19-01/26

This class is offered in the accelerated format and will require substantial work outside the class on the part of the student. The class requires the use of Blackboard which will be available to students on the internet a week before the first class session. Students are expected to read the announcements, syllabus, and complete (Learning Plan 1) assignments before the first class session and come into class prepared.

Elkhorn

196-100-3E31 AC Th 05:50P-09:30P 01/20-01/27

This class is offered in the accelerated format and will require substantial work outside the class on the part of the student. The class requires the use of Blackboard which will be available to students on the internet a week before the first class session. Students are expected to read the announcements, syllabus, and complete (Learning Plan 1) assignments before the first class session and come into class prepared.

Off Campus

196-100-3W7A INET TBA TBA-TBA 01/19-02/18

See below for additional course information.*

196-100-3W7B INET TBA TBA-TBA 01/19-02/18

See below for additional course information.*

*Additional fees apply to this class — cost is \$128.48. The class requires the use of Blackboard which will be available to students a week before the first class session. Students are expected to read the announcements, syllabus, and complete the Getting Started Learning Plan by the end of the first week of class.

196-164C Assertive Behavior 1.00 CR

S128.48 PREREQUISITES: NONE

In Assertive Behavior, the learner will apply the skills and tools necessary to be an effective supervisor in today's modern organization. Each learner will demonstrate assertiveness skills in communication with employees and others. In addition, the learners will demonstrate that the rights and responsibilities of others are valued.

Off Campus

196-164C-3W7E INET TBA TBA-TBA 01/19-05/10

Additional fees apply to this class — cost is \$128.48. The class requires the use of Blackboard which will be available to students a week before the first class session. Students are expected to read the announcements, syllabus, and complete the Getting Started Learning Plan by the end of the first week of class.

196-169 Diversity and Change Management 3.00 CR

S347.44 PREREQUISITES: NONE

In Diversity and Change Management, the learner applies the skills and tools necessary to implement and maintain a diverse work environment which values change. Each learner will demonstrate the application of: assessing the current extent of diversity in the workplace; analyzing the effect of perceptions, attitudes, biases, and organizational culture on diversity; dealing with barriers; changing management strategies, processes, and reactions; measuring progress; and celebrating success.

Elkhorn

196-169-3E31 AC T 05:30P-09:30P 01/25-03/08

This class is offered in the accelerated format and will require substantial work outside the class on the part of the student. The class requires the use of Blackboard which will be available to students on the internet a week before the first class session. Students are expected to read the announcements, syllabus, and complete (Learning Plan 1) assignments before the first class session and come into class prepared.

196-193 Human Resource Management 3.00 CR

S347.44 PREREQUISITES: NONE

This course establishes a foundation for development of employee effectiveness by focusing on the supervisor's role in understanding, communicating, and implementing organizational policies. The organizational topics covered include: employee hiring, training, performance management, contract compliance, employment law, employee assistance programs, and related topics that affect the supervisor's work group.

Kenosha

196-193-3K31 AC Th 05:30P-09:30P 03/31-05/05

This class is offered in the accelerated format and will require substantial work outside the class on the part of the student. The class requires the use of Blackboard which will be available to students on the internet a week before the first class session. Students are expected to read the announcements, syllabus, and complete (Learning Plan 1) assignments before the first class session and come into class prepared.

Racine

196-193-3R31 AC M 05:50P-09:30P 03/21-05/02

This class is offered in the accelerated format and will require substantial work outside the class on the part of the student. The class requires the use of Blackboard which will be available to students on the internet a week before the first class session. Students are expected to read the announcements, syllabus, and complete (Learning Plan 1) assignments before the first class session and come into class prepared.

Elkhorn

196-193-3E31 AC T 05:30P-09:30P 03/29-05/03

This class is offered in the accelerated format and will require substantial work outside the class on the part of the student. The class requires the use of Blackboard which will be available to students on the internet a week before the first class session. Students are expected to read the announcements, syllabus, and complete (Learning Plan 1) assignments before the first class session and come into class prepared.

196-190 Leadership Development 3.00 CR

S347.44 PREREQUISITES: NONE

In Leadership Development, the learner applies the skills and tools necessary to fulfill his/her role as a modern leader. Each learner will demonstrate the application of: evaluating leadership effectiveness and organization requirements, using individual

and group motivation strategies, implementing mission and goals, observing ethical behavior, developing personal leadership style and adaptation, understanding the impact of power, facilitating employee development, coaching, managing change, and resolving conflict effectively.

Kenosha

196-190-3K31 AC T 05:30P-09:30P 02/08-03/29

This class is offered in the accelerated format and will require substantial work outside the class on the part of the student. The class requires the use of Blackboard which will be available to students on the internet a week before the first class session. Students are expected to read the announcements, syllabus, and complete (Learning Plan 1) assignments before the first class session and come into class prepared.

Elkhorn

196-190-3E31 AC Th 05:30P-09:30P 02/03-03/10

This class is offered in the accelerated format and will require substantial work outside the class on the part of the student. The class requires the use of Blackboard which will be available to students on the internet a week before the first class session. Students are expected to read the announcements, syllabus, and complete (Learning Plan 1) assignments before the first class session and come into class prepared.

196-134 Legal Issues for Supervisors 3.00 CR

S377.44 PREREQUISITES: 196-193 Human Resource Management

In Legal Issues for Supervisors, the learner applies the skills and tools necessary for a supervisor to effectively function in today's legal work environment. Each learner will demonstrate the application of legal practices in both union and nonunion environments, the analysis of the impact of U.S. employment laws, the impact of the global economy, and the appeal process. Students will also learn to deal with harassment and privacy issues and summarize legal issues facing contemporary supervisors.

Off Campus

196-134-3W7A INET TBA TBA-TBA 01/19-05/10

Additional fees apply to this class — cost is \$377.44. The class requires the use of Blackboard which will be available to students a week before the first class session. Students are expected to read the announcements, syllabus, and complete the Getting Started Learning Plan by the end of the first week of class.

196-192 Managing for Quality 3.00 CR

S347.44 PREREQUISITES: NONE

This course is designed to examine the role of the supervisor in assisting an organization to produce a quality product or service. The meaning and benefits of quality, the cost of quality, how to interact with customers, and problem solving tools for continuous improvement will be covered.

Racine

196-192-3R31 AC M 05:50P-09:30P 01/31-03/07

This class is offered in the accelerated format and will require substantial work outside the class on the part of the student. The class requires the use of Blackboard which will be available to students on the internet a week before the first class session. Students are expected to read the announcements, syllabus, and complete (Learning Plan 1) assignments before the first class session and come into class prepared.

196-168 Organizational Development 3.00 CR

S347.44 PREREQUISITES: NONE

In Organizational Development, the learner applies the skills and tools necessary to deal with organizational behavior and change. Each learner will demonstrate the application of the impacts of globalization on an organization, dealing with organizational culture, change and future challenges affecting the total organization, organizational decision making, vision, goals, performance management, and planning, and the role of organizational structure.

Racine

196-168-3R31 AC W 05:50P-09:30P 03/30-05/04

This class is offered in the accelerated format and will require substantial work outside the class on the part of the student. The class requires the use of Blackboard which will be available to students on the internet a week before the first class session. Students are expected to read the announcements, syllabus, and complete (Learning Plan 1) assignments before the first class session and come into class prepared.

196-164 Personal Skills for Supervisors 3.00 CR

S377.44 PREREQUISITES: NONE

In Personal Skills for Supervisors, the learner applies the skills and tools necessary to deal with the time management, stress, and related challenges to a supervisor. Each learner will demonstrate the application of time management techniques, personal planning, continuous learning, valuing rights and responsibilities of others, effective communication, assertiveness, and dealing effectively with stress.

Off Campus

196-164-3W7A INET TBA TBA-TBA 01/19-05/10

See below for additional course information.*

196-164-3W7B INET TBA TBA-TBA 01/19-05/10

See below for additional course information.*

*Additional fees apply to this class — cost is \$377.44. The class requires the use of Blackboard which will be available to students a week before the first class session. Students are expected to read the announcements, syllabus, and complete the Getting Started Learning Plan by the end of the first week of class.

196-123 Problem Solving and Decision Making 2.00 CR

S232.96 PREREQUISITES: NONE

Explores many approaches to problem solving. Practice sessions on problems faced on the job, problem resolution using various techniques learned in the classroom. Topics: marginal analysis; psychological decision making; cause and effect; intuition; experimental, past experience and follow-the-leader approaches, group problem-solving techniques.

Racine

196-123-3R1A M 10:15A-12:15P 01/24-05/09

196-188 Project Management 3.00 CR

S377.44 PREREQUISITES: 196-189 Team Building and Problem Solving

In Project Management, the learner applies the skills and tools necessary to design, implement, and evaluate formal projects. Each learner will: demonstrate the application of the role of project management; develop a project proposal; use relevant software; work with project teams; sequence tasks; chart progress; and deal with variations, budgets, resources, implementation, and assessment.

Off Campus

196-188-3W7A INET TBA TBA-TBA 01/19-05/10

Additional fees apply to this class — cost is \$377.44. The class requires the use of Blackboard which will be available to students a week before the first class session. Students are expected to read the announcements, syllabus, and complete the Getting Started Learning Plan by the end of the first week of class.

196-136 Safety in the Workplace 3.00 CR

S377.44 PREREQUISITES: 196-192 Managing for Quality

In Safety in the Workplace, the learner applies the skills and tools necessary to provide a safe and secure work environment. Each learner will demonstrate the application of safety awareness, federal/state/local compliance, incident investigation and documentation, human relations techniques, safety orientation, inspections, risk analysis, issues of workplace violence, substance abuse, health hazards, first aid and CPR, fire and electrical safety, emergency preparedness, and liaison with external agencies.

Off Campus

196-136-3W7A INET TBA TBA-TBA 01/19-05/10

Additional fees apply to this class — cost is \$377.44. The class requires the use of Blackboard which will be available to students a week before the first class session. Students are expected to read the announcements, syllabus, and complete the Getting Started Learning Plan by the end of the first week of class.

196-164B Stress Management 1.00 CR

S128.48 PREREQUISITES: NONE

Teaches supervisors how to identify, deal with and channel everyday stress constructively. Topics covered include: Type A versus Type B behavior patterns; causes of stress; personal and organizational stress; and conflict resolution techniques.

Off Campus

196-164B-3W7D INET TBA TBA-TBA 01/19-05/10

See below for additional course information.*

196-164B-3W7G INET TBA TBA-TBA 01/19-05/10

See below for additional course information.*

*Additional fees apply to this class — cost is \$128.48. The class requires the use of Blackboard which will be available to students a week before the first class session. Students are expected to read the announcements, syllabus, and complete the Getting Started Learning Plan by the end of the first week of class.

196-191 Supervision 3.00 CR

S347.44 PREREQUISITES: NONE

In Supervision, the learner applies the skills and tools necessary to perform the functions of a frontline leader. Each learner will demonstrate the application of strategies and transition to a contemporary supervisory role, including day-to-day operations, analysis, delegation, controlling, staffing, leadership, problem-solving, team skills, motivation, and training.

Kenosha

196-191-3K31 AC T 05:30P-09:30P 04/05-05/10

This class is offered in the accelerated format and will require substantial work outside the class on the part of the student. The class requires the use of Blackboard which will be available to students on the internet a week before the first class session. Students are expected to read the announcements, syllabus, and complete (Learning Plan 1) assignments before the first class session and come into class prepared.

Elkhorn

196-191-3E31 AC Th 05:30P-09:30P 03/24-04/28

This class is offered in the accelerated format and will require substantial work outside the class on the part of the student. The class requires the use of Blackboard which will be available to students on the internet a week before the first class session. Students are expected to read the announcements, syllabus, and complete (Learning Plan 1) assignments before the first class session and come into class prepared.

196-189 Team Building and Problem Solving 3.00 CR

S347.44 PREREQUISITES: NONE

In Team Building and Problem Solving, the learner applies the skills and tools necessary to facilitate problem solving in a team environment. Each learner will demonstrate the application of the benefits and challenges of group work, necessary roles in a team, stages of team development, different approaches to problem solving, consensus, a systematic process of problem definition, data acquisition, analysis, the development of alternative solutions, solution implementation, and evaluation.

Racine

196-189-3R31 AC W 05:50P-09:30P 02/02-03/09

This class is offered in the accelerated format and will require substantial work outside the class on the part of the student. The class requires the use of Blackboard which will be available to students on the internet a week before the first class session. Students are expected to read the announcements, syllabus, and complete (Learning Plan 1) assignments before the first class session and come into class prepared.

196-164A Time Management 1.00 CR

S128.48 PREREQUISITES: NONE

Teaches supervisors how to manage their time to become more effective on the job. Topics covered include: motivating through effective planning; job analysis; identification and elimination of time wasters; effective delegation of work; and how to set measurable, achievable goals.

Off Campus

196-164A-3W7C INET TBA TBA-TBA 01/19-05/10

See below for additional course information.*

196-164A-3W7F INET TBA TBA-TBA 01/19-05/10

See below for additional course information.*

*Additional fees apply to this class — cost is \$128.48. The class requires the use of Blackboard which will be available to students a week before the first class session. Students are expected to read the announcements, syllabus, and complete the Getting Started Learning Plan by the end of the first week of class.

Surgical Tech

512-134 Surgical Interventions 2 3.00 CR

S347.44 PREREQUISITES: 512-131 Surgical Interventions 1 and 512-133 Surgical Technology Clinical 2

Expands knowledge of core and specialty surgical procedures by incorporating pathophysiology, diagnostic interventions, health sciences, and surgical techniques.

Kenosha

512-134-3K1A M 08:00A-11:00A 01/24-05/09

512-129 Surgical Pharmacology 2.00 CR

S232.96 PREREQUISITES: 512-125 Surgical Technology, Intro to and 512-126 Surgical Tech Fundamentals 1

Basic study of drug classifications, care, and handling of drugs and solutions, application of mathematical principles in dosage calculations, terminology related to pharmacology, anesthesia, and drugs used in surgery.

Kenosha

512-129-3KMA F 02:35P-04:35P 01/21-05/06

512-130 Surgical Skills Application 2.00 CR

S254.96 PREREQUISITES: 512-125 Surgical Technology, Intro to and 512-126 Surgical Tech Fundamentals 1

COREQUISITES: 512-128 Surgical Tech Fundamentals 2 and 512-129 Surgical Pharmacology

Provides a transition from the academic to the clinical setting. Learners integrate the surgical technologist skills as they apply to various surgical procedures.

Kenosha

512-130-3K1A ST T 07:00A-11:00A 03/22-05/10

M 07:00A-01:00P 03/21-05/09

512-130-3K1B ST T 11:20A-03:20P 03/22-05/10

M 07:00A-01:00P 03/21-05/09

512-130-3K1C ST W 07:00A-11:00A 03/23-05/04

M 07:00A-01:00P 03/21-05/09

512-128 Surgical Tech Fundamentals 2 4.00 CR

S509.92 PREREQUISITES: 512-125 Surgical Technology, Intro to and 512-126 Surgical Tech Fundamentals 1 and 512-127 Exploring Surgical Issues and 501-101 Medical Terminology

COREQUISITES: 806-179 Anatomy and Physiology, Advanced and 806-197 Microbiology and 512-129 Surgical Pharmacology

Focuses on enhancing surgical technology skills while functioning as a sterile team member. Lab and/or clinical practice is included.

Kenosha

512-128-3K1A ST M 07:00A-11:00A 01/24-03/07

T 07:00A-11:00A 01/25-03/08

Th 07:00A-11:00A 01/20-03/10

512-128-3K1B ST M 07:00A-11:00A 01/24-03/07

M 11:20A-03:20P 01/24-03/07

W 11:20A-03:20P 01/26-03/09

512-128-3K1C ST M 07:00A-11:00A 01/24-03/07

T 11:20A-03:20P 01/25-03/08

Th 11:20A-03:20P 01/20-03/10

512-135 Surgical Technology Clinical 3 3.00 CR

S382.44 Instructor consent required

PREREQUISITES: 512-131 Surgical Interventions 1 and 512-133 Surgical Technology Clinical 2

COREQUISITES: 512-134 Surgical Interventions 2

Further experience in a clinical setting allows the student to continue to improve technical skills while accepting more responsibilities during surgical procedures.

Kenosha

512-135-3K1A WThF 07:00A-01:00P 01/19-03/11

512-135-3K1B WThF 07:00A-01:00P 01/19-03/11

512-135-3K1C WThF 07:00A-01:00P 01/19-03/11

512-136 Surgical Technology Clinical 4 3.00 CR

S347.44 Instructor consent required

PREREQUISITES: 512-135 Surgical Technology Clinical 3

COREQUISITES: 512-134 Surgical Interventions 2

During this clinical course the student will function relatively independently. Serves as a transition from a student perspective to an employee by utilizing advanced skills for an entry level Surgical Technologist.

Kenosha

512-136-3K1A TWThF 07:00A-03:30P 03/22-05/10

Visual Communications

206-101 Traditional Animation and History 2.00 CR

\$235.46 PREREQUISITES: NONE

This course will explore traditional art forms such as storyboarding, traditional life drawing, and cartooning. The history of animation will be studied as well, and students will study the animation production process from storyboard to production.

Racine

206-101-3R1A F 09:10A-11:10A 01/21-05/06

Elkhorn

206-101-3E1A AC S 09:10A-11:10A 01/22-05/07

Welding

442-102 Introduction to Welding 2.00 CR

\$332.96 PREREQUISITES: NONE

This course provides the theory and practical experience for arc and gas welding techniques. An emphasis is placed on basic safety, equipment usage, and proper procedures. The welding of ferrous and non-ferrous metals will be explored.

Racine

442-102-3R2A ST F 04:45P-09:15P 01/21-05/06

442-101 Welding Basics 1.00 CR

\$166.48 PREREQUISITES: NONE

This lab course covers the fundamentals of welding. Welding, soldering, brazing, and fabrication of various metals are included.

Racine

442-101-3R2A ST F 04:45P-07:00P 01/21-04/01

Elkhorn

442-101-3E61 SP Th 04:00P-06:00P 01/20-04/21

If class is full, contact instructor, Ken Karwowski, at 262-741-8368 or karwowskik@gtc.edu.

442-101-3E62 SP M 04:00P-06:00P 01/24-05/09

If class is full, contact instructor, Dan Crifase, at crifased@gtc.edu.

Off Campus

442-101-3B21 ST TTh 04:00P-07:00P 01/20-02/22

This course will be held at Burlington High School, 400 McCanna Parkway, Room 174.



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Admin/Office Assistant/ Medical

106-373 Medical Transcription Functions 3.00 CR

S353.19 PREREQUISITES: 106-370 Medical Transcription I and 509-312 Human Body in Health & Disease
Introduces the response of the body to interruptions in normal functioning as with injury and disease. Diagnostic measures and treatment modalities associated with pathophysiology, clinical laboratory and pharmacology will be identified. Professional and ethical conduct will be emphasized.

Racine				
106-373-3RMA	BLND	W	10:15A-12:15P	03/16-05/14
		W	12:15P-01:15P	03/16-05/14

106-371 Medical Transcription II 4.00 CR

S470.92 PREREQUISITES: 106-370 Medical Transcription I
Students increase and sharpen skills in transcribing medical reports. Includes working with foreign accents.

Racine				
106-371-3RMA	BLND	W	TBA-TBA	01/12-03/09

106-392 Office Field Study 1.00 CR

S118.48 PREREQUISITES: 106-137 Keyboarding Applications
COREQUISITES: 106-119 Professional Development
This course provides the student with the opportunity to observe basic office procedures and personnel on a job site. The student will be responsible for making arrangements for two four-hour observations and one eight-hour job shadowing experience. Students will be expected to report orally and in writing on their observations and shadowing experience.

Kenosha				
106-392-3K1A	DS	M	09:10A-11:10A	01/24-05/09

Racine				
106-392-3R1A		Th	02:35P-04:35P	01/20-05/05

Off Campus				
106-392-3W7A	INET	TBA	TBA-TBA	01/19-05/10

Additional fees apply to this class — cost is \$128.48. Additional fees apply to this course. Internet courses require a - Netscape Communicator 7.1, Internet Explorer 6.0 or later, or Mozilla Firefox 1.0x or better), and an active e-mail account. Computer labs are available on campus for you to complete this course. On the first day of class you should log into Blackboard at <http://gtc.blackboard.com>. If you have never used Blackboard at Gateway before, please contact Student Services to obtain a password. Students taking online courses must be familiar with using a mouse, able to save and open files, send e-mails, and use the Internet. Specific hardware and software necessary are Windows XP or newer and Microsoft Office 2007 suite.

106-384 Word Processing Applied 3.00 CR

S383.19 PREREQUISITES: 106-001 Computer Applications
Introduces the basic concept and operation of word processing software package and an understanding of the equipment being used. Some of the operations included in this course are storing and retrieving, formatting, editing and printing documents. The class will provide applications using multiple-page, merged and tabulated documents, and file management.

Off Campus				
106-384-3W7A	INET	TBA	TBA-TBA	01/19-05/10

Additional fees apply to this class — cost is \$383.19. Additional fees apply to this course. Internet courses require a computer with access to the Internet, browser software (for PCs - Netscape Communicator 7.1, Internet Explorer 6.0 or later, or Mozilla Firefox 1.0x or better), and an active e-mail account. Computer labs are available on campus for you to complete this course. On the first day of class you should log into Blackboard at <http://gtc.blackboard.com>. If you have never used Blackboard at Gateway before, please contact Student Services to obtain a password. Students taking online courses must be familiar with using a mouse, able to save and open files, send e-mails, and use the Internet. Specific hardware and software necessary are Windows XP or newer and Microsoft Office 2007 suite.U

Barbering/Cosmetology

502-324 Barber/Cosmetology Industry 2.00 CR

S232.96 PREREQUISITES: NONE
This course is designed as a complete program of business instruction for the barber/cosmetology student. It supplements the usual technical training required in career development.

Racine				
502-324-3R11		MTWTh	05:30P-09:55P	03/23-04/14

502-336A Bleaching A 2.00 CR

S261.46 PREREQUISITES: 502-304A Hair Color A, Basic
Theory and practical training in bleaching techniques, procedures, and stages of lightening hair.

Racine				
502-336A-3R1A		MTWTh	12:35P-05:05P	04/14-05/10

502-336B Bleaching B 1.00 CR

S130.73 PREREQUISITES: 502-336A Bleaching A
Students apply knowledge and skills of bleaching on customers in patron laboratory.

Racine				
502-336B-3R1B		MTWThF	07:30A-12:00P	04/07-04/21

502-303A Chemical Straightening A 2.00 CR

S261.46 PREREQUISITES: 502-302A Perm Techniques A
Theory and practical training in chemical and related hair relaxing techniques and procedures.

Racine				
502-303A-3R1A		MTWTh	12:35P-05:05P	02/15-03/21

502-303B Chemical Straightening B 1.00 CR

S130.73 PREREQUISITES: 502-303A Chemical Straightening A
Students apply knowledge and skills of Chemical Relaxing in the patron laboratory to complete competencies.

Racine				
502-303B-3R1B		MTWThF	07:30A-12:00P	03/24-04/06

502-318A Facials A 2.00 CR

S261.46 PREREQUISITES: NONE
Theory and practice training in facial massage, skin care, basic and corrective makeup application, eyebrow arching, waxing, lash and brow tinting, and seasonal color analysis.

Racine				
502-318A-3R1A		F	07:30A-12:00P	01/21-05/06

502-304A	Hair Color A, Basic			2.00 CR
S261.46	PREREQUISITES: NONE			
Theory and practical training in haircoloring techniques, procedures, and formulations.				
Racine				
502-304A-3R1A	MTWTh	12:35P-05:05P		03/22-04/13
502-304B	Hair Color B, Basic			2.00 CR
S261.46	PREREQUISITES: 502-304A Hair Color A, Basic			
Students apply knowledge and skills of haircolor on customers in patron lab.				
Racine				
502-304B-3R1B	MTWThF	07:30A-12:00P		02/16-03/23
502-306A	Hair Design IA			2.00 CR
S261.46	PREREQUISITES: NONE			
Theory and practice training in artistic design, setting, and finishing techniques. Use of blow dryer, curling iron, and rollers.				
Racine				
502-306A-3R1A	MTWTh	07:30A-12:00P		03/22-04/13
502-306B	Hair Design IB			1.00 CR
\$130.73	PREREQUISITES: 502-306A Hair Design IA			
Students apply knowledge and skills of hairstyling on customers in the patron lab to complete competencies.				
Racine				
502-306B-3R1B	MTWThF	12:35P-05:05P		03/24-04/06
502-307A	Hair Design II A			2.00 CR
S261.46	PREREQUISITES: NONE			
Theory and practical training in wigs and hair pieces, hair pressing, and long hair designs.				
Racine				
502-307A-3R1A	MTWTh	07:30A-12:00P		04/14-05/10
502-305A	Manicuring A, Basic			2.00 CR
S261.46	PREREQUISITES: NONE			
Theory and practice training in basic and advanced manicuring, pedicuring, and nail art procedures and techniques.				
Racine				
502-305A-3R1A	F	12:35P-05:05P		01/21-05/06
502-332A	Men's Haircutting A			2.00 CR
S261.46	PREREQUISITES: 502-331A Women's Haircutting A			
Theory and practice training in haircutting concept, basic form techniques, and mustache and beard trims. Use of clippers, scissors, and thinning shears is included.				
Racine				
502-332A-3R11	MTWTh	05:30P-09:55P		02/15-03/22
502-332A-3R1A	MTWTh	07:30A-12:00P		02/15-03/21
502-332B	Men's Haircutting B			2.00 CR
S261.46	PREREQUISITES: 502-332A Men's Haircutting A			
Students apply knowledge and skills of men's haircutting on customers in the patron laboratory to complete competencies.				
Racine				
502-332B-3R1B	MTWThF	12:35P-05:05P		02/16-03/23
502-302A	Perm Techniques A			2.00 CR
S261.46	PREREQUISITES: NONE			
Theory and practical training in basic and advanced permanent waving procedures.				
Racine				
502-302A-3R1A	MTWTh	12:35P-05:05P		01/19-02/14

502-302B	Perm Techniques B			2.00 CR
S261.46	PREREQUISITES: 502-302A Perm Techniques A			
Students apply knowledge and skills of permanent waving on customers in patron laboratory to complete competencies.				
Racine				
502-302B-3R1B	MTWThF	07:30A-12:00P		01/19-02/15
502-344A	Salon Services/Advanced A			1.00 CR
\$130.73	Instructor consent required			
PREREQUISITES: NONE				
Students apply knowledge and skills on customers in a simulated salon environment to demonstrate competencies in all subject areas to prepare for Wisconsin State Board exam.				
Racine				
502-344A-3R1B	MTWThF	07:30A-12:00P		04/26-05/10
502-344B	Salon Services/Advanced B			2.00 CR
S261.46	Instructor consent required			
PREREQUISITES: NONE				
Students apply knowledge and skills on customers in a simulated salon environment to demonstrate competencies in all subject areas to prepare for Wisconsin State Board exam.				
Racine				
502-344B-3R1C	MTWThF	12:35P-05:05P		04/07-05/10
502-331A	Women's Haircutting A			2.00 CR
S261.46	PREREQUISITES: NONE			
Theory and practice training in hair cutting concepts and basic form techniques. Use of tools such as scissors, razors, and thinning shears.				
Racine				
502-331A-3R11	MTWTh	05:30P-09:55P		01/19-02/14
502-331A-3R1A	MTWTh	07:30A-12:00P		01/19-02/15
502-331B	Women's Haircutting B			2.00 CR
S261.46	PREREQUISITES: 502-331A Women's Haircutting A			
Students apply knowledge and skills of haircutting on customers in the patron laboratory to complete competencies.				
Racine				
502-331B-3R1B	MTWThF	12:35P-05:05P		01/19-02/15

Building Service

443-311	Electrical Applications			3.00 CR
\$382.44	PREREQUISITES: NONE			
This course introduces the student to the basics of building electrical maintenance. Repair and replacement of 110 and 220 volt electrical components are emphasized.				
Kenosha				
443-311-3K11	TTh	04:45P-06:45P		01/20-03/22
	TTh	06:45P-09:45P		01/20-03/22
443-313	Interior Finishing			2.00 CR
\$254.96	PREREQUISITES: NONE			
This course will introduce the student to the basics of building interior finishing. Dry walling, painting, wall papering, and preventative maintenance will be emphasized.				
Kenosha				
443-313-3K11	TTh	04:45P-05:45P		03/24-05/10
	TTh	05:45P-08:45P		03/24-05/10

Criminal Justice

504-303 Investigations 2.00 CR

\$248.74 Instructor consent required
PREREQUISITES: NONE

Students will learn techniques and procedures necessary to interview or interrogate a variety of individuals, how to recognize, process, and preserve physical evidence; law enforcement's response to a victim of crime including the dynamics of victimization, victims' rights, and enforcement's professional responsibilities to victims. Students will also learn the statutory elements of "sensitive crimes" and the characteristics, effects, and investigative strategies unique to them.

Kenosha
504-303-3K1A MTWThF 07:30A-04:00P 01/24-05/06

504-302 Patrol Procedures 4.00 CR

\$551.70 Instructor consent required
PREREQUISITES: NONE

Students will become familiar with Wisconsin traffic laws, including how to properly complete Wisconsin Uniform Traffic Citations and how to direct and control traffic effectively. They will learn to manage a complex scene, to investigate traffic accidents, take appropriate enforcement actions, the legal context for law enforcement driving, including basic patrol operation, emergency vehicle response, pursuit driving, the legal bases for making vehicle contacts, how to conduct a threat assessment to help determine the appropriate type of contact, how to conduct different types of vehicle contacts, recognize and interpret evidence of a and to OMOVVI violation, and how to administer and interpret standardized field sobriety tests.

Kenosha
504-302-3K1A MTWThF 07:30A-04:00P 01/24-05/06

504-300 Policing in America 1.00 CR

\$177.76 Instructor consent required
PREREQUISITES: NONE

Students will learn the rules of the academy, how the various elements of the criminal justice system relate, the role of law enforcement officers in a democracy, explore belief systems, social pressures, moral problems, decision-making and the consequences of decisions, resources available in their communities to assist law enforcement in their contacts with the community, explore issues involved in policing in a diverse society, identify strategies for working effectively with the community, the requirements under Wisconsin law for law enforcement agency policies and procedures, and why written policies and procedures are important to them in performing their job tasks properly.

Kenosha
504-300-3K1A MTWThF 07:30A-04:00P 01/24-05/06

504-301 Relational Skills 3.00 CR

\$363.22 Instructor consent required
PREREQUISITES: NONE

Students will learn how to write a wide variety of law enforcement reports, the role of communication in law enforcement, to apply professional communication skills appropriately, proper law enforcement response to persons with possible mental disorders, alcohol or drug problems, dementia disorders, and/or developmental disabilities, the Wisconsin law for conducting emergency detentions and placements, legal requirements and guidelines for implementing these procedures, basics of effective court testimony, the role of problem solving, and evolving police strategies for effective law enforcement and community relationships, and the use of problem-oriented policing.

Kenosha
504-301-3K1A MTWThF 07:30A-04:00P 01/24-05/06

504-305 Tactical Skills 3.00 CR

\$417.72 Instructor consent required
PREREQUISITES: NONE

Students will learn the basis for and limits to use of force by Wisconsin Officers, specific techniques for intervention included in the Wisconsin System of Defense and Arrest Tactics, and to care for and maintain their primary duty handguns. They will learn to shoot quickly and accurately, including under low-light conditions, while moving and from behind cover, and necessary weapon-handling skills, the basics of room clearing, tactical movement, use of cover and concealment, and their application to emergency situations.

Kenosha
504-305-3K1A MTWThF 07:30A-04:00P 01/24-05/06

504-304 The Legal Context 2.00 CR

\$248.74 Instructor consent required
PREREQUISITES: NONE

Students will learn the legal bases for law enforcement action such as arrest, use of force, and search and seizure, as well as the limits on law enforcement activity, the classifications of crimes and other violations into felonies, misdemeanors, and ordinance violations, and the elements of crimes listed in the criminal code, and the laws and procedures that effect juveniles, including those related to taking a juvenile into custody.

Kenosha
504-304-3K1A MTWThF 07:30A-04:00P 01/24-05/06

Dental

508-311 Dental Assistant Clinical - Adv 2.00 CR

\$232.96 PREREQUISITES: 508-356 Dental Assistant Clinicals or 508-306 Dental Assistant Clinicals

Dental Assistant students apply skills developed in Dental Chairside - Advanced, Dental Lab Procedures, Dental Radiography - Advanced, and Dental Office Procedures in a clinical setting with patients that emphasizes integration of core abilities and basic and advanced occupational skills. This course is equivalent to 508-311 at other WTCS schools.

Kenosha
508-311-3K1A M 08:00A-05:00P 01/24-05/09

508-308 Dental Chairside - Advanced 5.00 CR

\$734.90 PREREQUISITES: 508-352 Dental Chairside

This course prepares Dental Assistant students to adapt chairside skills to assisting with dental specialties as they are performed in general practice. It focuses on pediatric dentistry, orthodontics, oral maxillofacial surgery, endodontics, periodontics, and prosthodontics. Students will also develop the ability to assist with sealants, perform coronal polishing, and apply topical fluoride and topical anesthetics. This course is the equivalent to 508-308 at other WTCS schools.

Kenosha

508-308-3K1A	ST	T	01:30P-04:00P	01/25-05/10
		Th	08:05A-10:35A	01/20-05/05
		T	10:15A-12:15P	01/25-05/10
		W	08:05A-10:15A	01/26-05/04
508-308-3K1B	ST	T	01:30P-04:00P	01/25-05/10
		Th	08:05A-10:35A	01/20-05/05
		W	10:15A-12:15P	01/19-05/04
		Th	11:20A-01:20P	01/20-05/05

508-309 Dental Laboratory Procedure 4.00 CR

\$587.92 PREREQUISITES: 508-113 Dental Materials
 This course prepares Dental Assistant students to produce alginate impressions and fabricate diagnostic models, oral appliances, temporary restorations, and custom trays. Students also polish oral appliances. This course is equivalent to 508-309 in other WTCS schools.

Kenosha

508-309-3K1A	ST	T	08:05A-10:05A	01/25-05/10
		Th	01:30P-03:30P	01/20-05/05
		T	10:15A-12:15P	01/25-05/10
		W	08:05A-10:05A	01/19-05/04
508-309-3K1B	ST	T	08:05A-10:05A	01/25-05/10
		Th	01:30P-03:30P	01/20-05/05
		W	10:15A-12:15P	01/19-05/04
		Th	11:20A-01:20P	01/20-05/05

508-310 Dental Radiography - Advanced 1.00 CR

\$146.98 PREREQUISITES: 508-103 Dental Radiography
 This course builds on principles and skills developed in Dental Radiography. Dental Assistant students expose full mouth series, extra-oral, and specialized radiographs on adult and child patients. Emphasis is placed on protection against x-ray hazards. Students will also process, mount, and evaluate radiographs for diagnostic value. In addition, they will use radiographs to explain dental health and treatment plans to patients. This course is the equivalent of 508-310 at other WTCS schools.

Kenosha

508-310-3K1A		W	01:30P-03:30P	01/19-05/04
508-310-3K1B		F	08:05A-10:15A	01/21-05/06
508-310-3K1C		F	10:15A-12:15P	01/21-05/06

Emergency Medical Service

531-311 EMT-Intermediate Technician 2.00 CR

\$254.96 Instructor consent required
 PREREQUISITES: NONE
 The IV Tech course will consist of 72 hours of training that will compliment the EMT-Basic curriculum. This course will allow the student to develop skills in the areas of IV therapy, drug administration, and advanced patient assessment.

Burlington

531-311-3B1A		W	08:00A-11:55A	02/09-05/04
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Off Campus

531-311-3Z11		Th	05:45P-09:45P	02/01-04/28
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Location: Whitewater Rescue

Mechanical Drafting

421-316 Blueprint Reading/Advanced 2.00 CR

\$232.96 PREREQUISITES: 421-376 Blueprint Reading
 Review of basic blueprint reading principles. Deals with more forgings, castings and complex prints. New material introduced includes surface textures, fits, auxiliary views, cast iron, pin fasteners, gears, cams, ratchet wheels, and additional GDT coverage. Students read information units, perform mathematical calculations, and answer questions pertaining to part prints.

Racine

421-316-3R1A		F	08:05A-01:05P	02/11-05/06
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Medical Assistant

509-302 Human Body in Health & Disease 3.00 CR

\$377.44 PREREQUISITES: NONE
 COREQUISITES: 501-101 Medical Terminology
 This course focuses on diseases that are frequently first diagnosed and treated in the medical office setting. Students learn to recognize the causes, signs, and symptoms of diseases of the major body systems as well as the diagnostic procedures, usual treatment, prognosis, and prevention of common diseases.

Off Campus

509-302-3W7A	INET	TBA	TBA-TBA	01/19-05/10
	Additional fees apply to this class — cost is \$377.44			
509-302-3W7B	INET	TBA	TBA-TBA	01/19-05/10
	Additional fees apply to this class — cost is \$377.44			

509-301 Medical Assistant Administrative Procedures 2.00 CR

\$274.96 PREREQUISITES: NONE
 COREQUISITES: 501-107 Computing for Healthcare, Introduction
 This course introduces medical assistant students to office management and business administration in the medical office. Students learn to schedule appointments, perform filing, record keeping, telephone and reception duties, communicate effectively with patients and other medical care staff, and keep an inventory of supplies. Students apply introductory medical coding skills and managed care terminology.

Off Campus

509-301-3W7A	INET	TBA	TBA-TBA	01/21-05/06
	Additional fees apply to this class — cost is \$274.96			
509-301-3W7B	INET	TBA	TBA-TBA	TBA-TBA
	Additional fees apply to this class — cost is \$274.96			

509-304 Medical Assistant Clinical Procedures 1 4.00 CR

\$509.92 Program Counselor consent required
 PREREQUISITES: NONE
 This course introduces Medical Assistant students to the clinical procedures performed in the medical office setting. Students perform basic examining room skills, including screening, vital signs, patient history, minor surgery, and patient preparation for routine and specialty exams in the ambulatory care setting. This course is equivalent to 509-304 at other WTCS schools.

Racine

509-304-3R11		T	05:50P-09:50P	01/25-05/10
		M	05:50P-09:50P	01/24-05/09
509-304-3R1A		Th	08:05A-12:05P	01/20-05/05
		T	08:05A-12:05P	01/25-05/10

509-306 Medical Assistant Clinical Procedures 2 3.00 CR

\$382.44 PREREQUISITES: 509-303 Medical Assistant Lab Procedures 1 and 509-304 Medical Assistant Clinical Procedures 1
 COREQUISITES: 509-308 Pharmacology for Allied Health
 This course prepares students to perform patient care skills in a medical office setting. Students perform clinical procedures, including administering medications, assisting with minor surgery, performing an electrocardiogram, assisting with respiratory testing, educating patients/community, and maintaining clinical equipment in an ambulatory care setting.

Racine

509-306-3R11		W	05:50P-06:50P	01/19-05/04
		Th	05:50P-08:50P	01/20-05/05
		W	06:50P-08:50P	01/19-05/04

509-306-3R1A	W	01:30P-02:30P	01/19-05/04
	Th	01:30P-04:30P	01/20-05/05
	W	02:30P-04:30P	01/19-05/04

Elkhorn

509-306-3E1A	Th	08:05A-12:05P	01/20-05/05
	Th	12:05P-02:05P	01/20-05/05

509-303 Medical Assistant Lab Procedures 1 2.00 CR

\$254.96 Program Counselor consent required
PREREQUISITES: NONE
COREQUISITES: 509-304 Medical Assistant Clinical Procedures 1

This course introduces Medical Assistant students to laboratory procedures commonly performed by medical assistants in a medical office setting. Students perform routine laboratory procedures commonly performed in the ambulatory care setting under the supervision of a physician. Students follow laboratory safety requirements and federal regulations while performing specimen collection and processing, microbiology, and urinalysis testing. This course is equivalent to 509-303 at other WTCS schools.

Racine

509-303-3R11	W	05:50P-07:50P	01/19-05/10
	W	07:50P-09:50P	01/19-05/10
509-303-3R1A	W	08:05A-10:05A	01/19-05/04
	W	10:05A-12:05P	01/19-05/04

509-305 Medical Assistant Lab Procedures 2 2.00 CR

\$254.96 PREREQUISITES: 509-303 Medical Assistant Lab Procedures 1
This course prepares students to perform laboratory procedures commonly performed by medical assistants in the ambulatory care setting under the supervision of a physician. Students perform phlebotomy, immunology, hematology, and chemistry laboratory procedures.

Racine

509-305-3R11	T	05:50P-07:50P	01/25-05/10
	T	07:50P-09:50P	01/25-05/10
509-305-3R1A	T	12:25P-02:25P	01/25-05/10
	T	02:25P-04:25P	01/25-05/10

Elkhorn

509-305-3E1A	W	08:05A-10:05A	01/19-05/04
	W	10:05A-12:05P	01/19-05/04

509-310 Medical Assistant Practicum 3.00 CR

\$382.44 Instructor consent required
PREREQUISITES: NONE
This course requires students to integrate and apply knowledge and skills from all previous medical assistant courses in actual patient care settings. Learners perform medical assistant administrative, clinical, and laboratory duties under the supervision of trained mentors to effectively transition to the role of a medical assistant. This AAMA required externship lasts between 160 hours (AAMA minimum) and 216 hours.

Elkhorn

509-310-3E1A	MTWThF	08:05A-04:05P	05/13-06/10
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509-309 Medical Law, Ethics, & Professionalism 2.00 CR

\$232.96 PREREQUISITES: NONE
This course prepares students to display professionalism and perform within ethical and legal boundaries in the health care setting. Students maintain confidentiality, examine legal aspects of the medical record, perform risk management procedures, and examine legal and bioethical issues.

Racine

509-309-3RMA	BLND	Th	12:25P-04:25P	01/20-05/05
	BLND	T	08:05A-12:05P	01/25-05/10

Off Campus

509-309-3W7A	INET	TBA	TBA-TBA	01/19-05/10
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Additional fees apply to this class — cost is \$252.96

509-307 Medical Office Insurance and Finance 2.00 CR

\$274.96 PREREQUISITES: NONE
COREQUISITES: 501-107 Computing for Healthcare, Introduction and 509-302 Human Body in Health & Disease

This course introduces students to health insurance and finance in the medical office. Students perform bookkeeping procedures, apply managed care guidelines, and complete insurance claim forms. Students use medical coding and managed care terminology to perform insurance related duties.

Off Campus

509-307-3W7A	INET	TBA	TBA-TBA	01/19-05/10
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Additional fees apply to this class — cost is \$274.96

509-307-3W7B	INET	TBA	TBA-TBA	01/19-05/10
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Additional fees apply to this class — cost is \$274.96

509-308 Pharmacology for Allied Health Pharm for Allied Health 2.00 CR

\$232.96 PREREQUISITES: NONE
COREQUISITES: 509-302 Human Body in Health & Disease

This course introduces students to classifying indications into correct drug categories and applying basic pharmacology principles. Students apply basic pharmacodynamics to identifying common medications, medication preparation, and administration of medications used by the major body systems.

Racine

509-308-3RMA	BLND	W	09:10A-11:10A	01/19-05/11
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Elkhorn

509-308-3E1A		W	12:25P-04:25P	01/19-05/04
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Off Campus

509-308-3W7A	INET	TBA	TBA-TBA	01/21-05/12
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Additional fees apply to this class — cost is \$252.96

Numerical Control

444-335 CNC Lathe Set-Up 3.00 CR

\$450.69 PREREQUISITES: NONE
COREQUISITES: 444-333 Fundamentals of CNC Turning
Students will produce and troubleshoot CNC lathe set-ups from job packets and machine parts to blueprint specifications. Students will learn simple G and M codes, download programs to machines, graphically verify programs, and prove out parts on 2-axis turning center utilizing various CNC controllers. Set-ups will include faceting, turning, drilling, grooving, and thread operations. Students will also learn to produce some simple tooling necessary to complete various set-ups.

Racine

444-335-3R1A		W	08:05A-01:05P	01/19-05/04
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444-336 CNC Mill Set-Up 3.00 CR

\$450.69 PREREQUISITES: NONE
COREQUISITES: 444-334 Fundamentals of CNC Milling
Students will produce and troubleshoot CNC mill set-ups from job packets and machine parts to blueprint specifications. Students will learn simple G and M codes, download programs to machines, graphically verify programs, and prove out parts on 3-axis machining centers using various CNC controllers. Set-ups will include face, end, and profile milling and drilling, slotting, boring, and tapping operations. Students will also learn to produce some simple tooling necessary to complete various set-ups.

Racine

444-336-3R1A		Th	08:05A-01:05P	01/20-05/05
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444-334 Fundamentals of CNC Milling Applications 3.00 CR

\$450.69 PREREQUISITES: 444-331 CNC Machining Technology
COREQUISITES: 421-316 Blueprint Reading/Advanced and 804-371 Mathematics II/Applied

This course provides an introduction to CNC milling processes and their proper application. Some of the topics covered include machine set-up and operation, machine safety, types of milling machines, use and care of various cutting tools, and a review of milling speeds and feeds. The student will perform face and end milling operations as well as drilling, reaming, tapping, and slotting operations on manual milling machines. The proper use and care of accessories, such as edge finders, digital readouts, dial indicators, and boring heads, and an introduction to a Computer Numerical Control milling machine is also covered.

Racine

444-334-3R1A T 08:05A-01:05P 01/25-05/10

444-333 Fundamentals of CNC Turning Applications 3.00 CR

\$450.69 PREREQUISITES: 444-331 CNC Machining Technology
COREQUISITES: 421-316 Blueprint Reading/Advanced and 804-371 Mathematics II/Applied

This course provides an introduction to CNC turning processes and their proper application. Some of the topics covered include lathe set-up and operation, lathe safety, types of lathes, lathe workholding devices, lathe cutting tools, grinding and sharpening of lathe cutters, and a review of lathe machining speeds and feeds. In this course, you will perform O.D. and I.D. turning operations on engine lathes as well as facing, drilling, reaming, tapping, grooving, chamfering, boring, knurling, tapering, and thread cutting operations.

Racine

444-333-3R1A M 08:05A-01:05P 01/24-05/09

Nursing

543-300 Nursing Assistant 3.00 CR

\$372.69 Program Counselor consent required
PREREQUISITES: NONE

The Nursing Assistant course is 120 hours in total and is offered numerous times throughout the district. The course prepares students to perform basic nursing skills in caring for clients in various health care settings. A certificate is awarded upon successful completion of this course and graduates are eligible to competency test for placement on the Wisconsin Nursing Assistant/Home Health Aide Registry. This is a state mandated class with a minimum of 120 hours. If a class is cancelled for any reason, make-up hours will be assigned to meet state requirements.

Kenosha

543-300-3K11 MTWTh 04:00P-10:00P 01/19-02/08
MTWTh 04:00P-10:00P 02/09-02/22

See below for additional course information.*

543-300-3K12 MTWTh 04:00P-10:00P 02/14-03/07
MTWTh 04:00P-10:00P 03/08-03/28

There is no class on 3/01 — GTC Inservice and no class from 3/14 through 3/17 — GTC Spring Break.

543-300-3K13 MTWTh 04:00P-10:00P 03/21-04/07
MTWTh 04:00P-10:00P 04/11-04/21

See below for additional course information.*

543-300-3K1A MTWTh 07:30A-01:30P 01/19-02/08
MTWTh 07:30A-01:30P 02/09-02/22

See below for additional course information.*

543-300-3K1B FS 07:30A-01:30P 01/21-02/26
FS 07:30A-01:30P 03/04-04/02

There is no class on 3/18 & 3/19—GTC Spring Break.

543-300-3K1C MTWTh 07:30A-01:30P 02/09-03/02
MTWTh 07:30A-01:30P 03/03-03/23

There is no class on 3/01 — GTC Inservice and from 3/14 through 3/17 — GTC Spring Break.

543-300-3K1D MTWThF 07:30A-01:30P 03/21-04/05
MTWThF 07:30A-01:30P 04/06-04/15

See below for additional course information.*

543-300-3K1E MTWThF 07:30A-01:30P 04/11-04/28
MTWThF 07:30A-01:30P 04/29-05/10

There is no class on 4/22 & 4/25 — GTC Holiday Closing.

Racine

543-300-3R1A MTWTh 07:30A-01:30P 01/19-02/08
MTWTh 07:30A-01:30P 02/09-02/22

See below for additional course information.*

543-300-3R1B MTWTh 03:15P-09:15P 01/19-02/08
MTWTh 03:15P-09:15P 02/09-02/22

See below for additional course information.*

543-300-3R1C MTWTh 07:30A-01:30P 02/09-03/02
MTWTh 07:30A-01:30P 03/03-03/23

There is no class on 3/01-- GTC Inservice and no classes from 3/14 through 3/17--GTC Spring Break.

543-300-3R1D MTWTh 03:15P-09:15P 02/09-03/02
MTWTh 03:15P-09:15P 03/03-03/23

There is no class on 3/01--GTC Inservice and no class from 3/14 through 3/17--GTC Spring Break.

543-300-3R1E MTWTh 07:30A-01:30P 03/28-04/14
MTWTh 07:30A-01:30P 04/18-05/02

There is no class on 4/25 — GTC Holiday Break.

543-300-3R1F MTWTh 03:15P-09:15P 04/04-04/21
MTWTh 03:15P-09:15P 04/21-05/09
MTWTh 03:15P-09:15P 04/26-05/09

There is no class on 4/25-- GTC Holiday Break.

543-300-3R1G FS 07:30A-01:30P 03/04-04/16
FS 07:30A-01:30P 04/29-05/21

There is no class on 3/18 & 3/19 — GTC Spring Break and 4/22 & 4/23 — GTC Holiday Break.

Elkhorn

543-300-3E11 MW 04:00P-08:00P 01/19-03/28
MW 04:00P-08:00P 03/30-05/11

There are no classes scheduled for 3/01, 3/14, 3/16 and 4/25.

543-300-3E12 TTh 04:00P-08:00P 01/20-03/31
TTh 04:00P-08:30P 04/05-05/10

There are no classes scheduled for 3/01, 3/15 and 3/17. Note: On 5/10 the class runs 4:00 - 7:00 pm only.

543-300-3E1A MTWThF 07:00A-09:00A 01/20-03/11
MTWThF 07:00A-09:00A 03/21-04/21

There are no classes scheduled for 3/01 and 3/14 through 3/18.

543-300-3E1B MTWTh 10:15A-02:15P 01/19-02/17
MTWTh 10:15A-02:15P 02/21-03/21

There are no classes scheduled for 3/01, 3/14 and 3/17.

543-300-3E1C MTWTh 10:15A-02:15P 02/22-03/31
MTWTh 10:15A-02:15P 04/04-04/21

There are no classes scheduled from 3/14 through 3/17.

Burlington
543-300-3B1A

MTWThF 07:00A-09:00A 01/24-03/29
MTWThF 06:30A-08:30A 03/30-05/04

There are no classes scheduled for 3/01, from 3/14 through 3/18, from 3/21 through 3/25, 4/22 & 4/25.

Nursing and Nursing Related

510-303 Health Unit Coordinator Clinical 3.00 CR

\$392.19 Program Counselor consent required
PREREQUISITES: NONE

COREQUISITES: 510-302 Health Unit Coordinator Procedures II

This course provides opportunities for learners to apply the concepts and skills of a Health Unit Coordinator in a clinical setting.

Racine

510-303-3RMA BLND T 12:25P-04:25P 03/22-05/10
MF 07:00A-01:00P 03/21-05/09

510-301 Health Unit Coordinator Procedures I 3.00 CR

\$347.44 Program Counselor consent required
PREREQUISITES: NONE

COREQUISITES: 501-101 Medical Terminology and 501-104 Principles of Customer Service in and 501-107 Computing for Healthcare, Introduction

Health Unit Coordinator Procedures I is an introductory course to the HUC profession. The course will introduce the student to the environment, communication, and managing client information in healthcare.

Racine

510-301-3RMA BLND TWTh 08:05A-12:05P 01/19-03/10
Counselor Permission. Petition Process Completed. Blended Program.

510-302 Health Unit Coordinator Procedures II 3.00 CR

\$347.44 Program Counselor consent required
PREREQUISITES: 510-301 Health Unit Coordinator Procedures I

Health Unit Coordinator Procedures II is a more advanced course that introduces the student to the order process, transcription of medication and infusion orders, laboratory and diagnostic orders, interdisciplinary treatment orders, and specialty unit orders.

Racine

510-302-3RMA BLND TWTh 08:05A-12:05P 03/22-05/10
Counselor Permission. Petition Process Completed. Blended Program.

Welding

442-302 Metal Fabrication I 3.00 CR

\$499.44 PREREQUISITES: NONE

This course is an introduction to basic metal fabrication, including safety, measuring, hand tools, layout, and applications with shearing, drilling, bending, tack welding, and inspection of final projects.

Racine

442-302-3R1A MT 12:45P-04:00P 01/24-05/10

442-324 Weld Printreading and Fabrication Procedures 2.00 CR

\$332.96 PREREQUISITES: NONE

Instructs in basic graphic communication relating to the welding field. Provides for hands-on application of fabrication from blueprints. Follows American Welding Society welding symbol format.

Racine

442-324-3R11 F 04:45P-09:15P 01/21-05/06
442-324-3R1A F 08:05A-12:35P 01/21-05/06

Elkhorn

442-324-3E1A SP W 01:00P-04:00P 01/19-05/10
T 01:00P-02:00P 01/19-05/10

442-332 Welding/Advanced Gas Metal Arc Welding 3.00 CR

\$499.44 PREREQUISITES: 442-321 Welding/Gas Metal Arc Welding

Provide advanced welding applications in GMAW welding using various size and types of electrodes of hard and soft wires on structural applications. Includes Gateway Technical College flux cored weld certification.

Racine

442-332-3R21 ST M 04:00P-10:00P 01/24-05/09

See below for additional course information.*

442-332-3R22 ST T 04:00P-10:00P 01/25-05/10

See below for additional course information.*

442-332-3R23 ST W 04:00P-10:00P 01/19-05/04

See below for additional course information.*

442-332-3R24 ST Th 04:00P-10:00P 01/20-05/05

See below for additional course information.*

442-332-3R2A ST M 07:00A-01:00P 01/24-05/09

See below for additional course information.*

442-332-3R2B ST T 07:00A-01:00P 01/25-05/10

See below for additional course information.*

442-332-3R2C ST W 07:00A-01:00P 01/19-05/04

See below for additional course information.*

442-332-3R2D ST Th 07:00A-01:00P 01/20-05/05

See below for additional course information.*

442-332-3R2E ST M 11:20A-05:20P 01/24-05/09

See below for additional course information.*

442-332-3R2F ST T 11:20A-05:20P 01/25-05/10

See below for additional course information.*

442-332-3R2G ST W 11:20A-05:20P 01/19-05/04

See below for additional course information.*

442-332-3R2H ST Th 11:20A-05:20P 01/20-05/05

See below for additional course information.*

*All students are required to attend the first day of class for orientation.

Elkhorn

442-332-3E61 SP T 06:00P-10:00P 01/25-05/10

If class is full, contact instructor, Ken Karwowski, at 262-741-8368 or karwowskik@gtc.edu.

442-332-3E62 SP M 06:00P-10:00P 01/24-05/09

If class is full, contact instructor, Dan Crifase, at crifased@gtc.edu.

442-332-3E6A SP T 07:00A-01:00P 01/25-05/10

This course is offered in an individualized flexible format. Students may begin after the official start date of the semester. Each student will meet with the instructor to establish a class schedule. For more information, call 262-741-8432 for day class information.

442-333 Welding/Advanced Gas Tungsten Arc Weld 3.00 CR

\$499.44 PREREQUISITES: 442-323 Welding/Gas Tungsten Arc Welding
Provides advanced welding applications in GTAW welding using stainless steel, aluminum and mild steel. Includes Gateway Technical College aluminum tensile certification and steel plate certification.

Racine

442-333-3R21	ST	M	04:00P-10:00P	01/24-05/09
			See below for additional course information.*	
442-333-3R22	ST	T	04:00P-10:00P	01/25-05/10
			See below for additional course information.*	
442-333-3R23	ST	W	04:00P-10:00P	01/19-05/04
			See below for additional course information.*	
442-333-3R24	ST	Th	04:00P-10:00P	01/20-05/05
			See below for additional course information.*	
442-333-3R2A	ST	M	07:00A-01:00P	01/24-05/09
			See below for additional course information.*	
442-333-3R2B	ST	T	07:00A-01:00P	01/25-05/10
			See below for additional course information.*	
442-333-3R2C	ST	W	07:00A-01:00P	01/19-05/04
			See below for additional course information.*	
442-333-3R2D	ST	Th	07:00A-01:00P	01/20-05/05
			See below for additional course information.*	
442-333-3R2E	ST	M	11:20A-05:20P	01/24-05/09
			See below for additional course information.*	
442-333-3R2F	ST	T	11:20A-05:20P	01/25-05/10
			See below for additional course information.*	
442-333-3R2G	ST	W	11:20A-05:20P	01/19-05/04
			See below for additional course information.*	
442-333-3R2H	ST	Th	11:20A-05:20P	01/20-05/05
			See below for additional course information.*	

*All students are required to attend the first day of class for orientation.

Elkhorn

442-333-3E61	SP	W	04:00P-08:00P	01/19-05/04
			If class is full, contact instructor, Ken Karwowski, at 262-741-8368 or karwowskik@gtc.edu.	
442-333-3E62	SP	M	04:00P-08:00P	01/24-05/09
			If class is full, contact instructor, Dan Crifase, at crifased@gtc.edu.	
442-333-3E6A	SP	Th	07:00A-01:00P	01/20-05/05

This course is offered in an individualized flexible format.
Students may begin after the official start date of the semester.
Each student will meet with the instructor to establish a class schedule. For more information, call 262-741-8432 for day class information.

442-329 Welding/Advanced Oxyacetylene 2.00 CR

\$332.96 PREREQUISITES: 442-334 Welding/Oxyacetylene
Provides advanced welding applications in O-A welding, torch cutting and fitting of structural steel and brazing of alloy materials. Includes Gateway Technical College small pipe weld certification.

Racine

442-329-3R21	ST	M	04:00P-10:00P	01/24-04/04
			See below for additional course information.*	
442-329-3R22	ST	T	04:00P-10:00P	01/25-04/05
			See below for additional course information.*	

442-329-3R23	ST	W	04:00P-10:00P	01/19-03/30
			See below for additional course information.*	
442-329-3R24	ST	Th	04:00P-10:00P	01/20-03/31
			See below for additional course information.*	
442-329-3R2A	ST	M	07:00A-01:00P	01/24-04/04
			See below for additional course information.*	
442-329-3R2B	ST	T	07:00A-01:00P	01/25-04/05
			See below for additional course information.*	
442-329-3R2C	ST	W	07:00A-01:00P	01/19-03/30
			See below for additional course information.*	
442-329-3R2D	ST	Th	07:00A-01:00P	01/20-03/31
			See below for additional course information.*	
442-329-3R2E	ST	M	11:20A-05:20P	01/24-04/04
			See below for additional course information.*	
442-329-3R2F	ST	T	11:20A-05:20P	01/25-04/05
			See below for additional course information.*	
442-329-3R2G	ST	W	11:20A-05:20P	01/19-03/30
			See below for additional course information.*	
442-329-3R2H	ST	Th	11:20A-05:20P	01/20-03/31
			See below for additional course information.*	

*All students are required to attend the first day of class for orientation.

Elkhorn

442-329-3E61	SP	W	04:00P-08:00P	01/19-05/04
			If class is full, contact instructor, Ken Karwowski, at 262-741-8368 or karwowskik@gtc.edu.	
442-329-3E62	SP	M	04:00P-08:00P	01/24-05/09
			If class is full, contact instructor, Dan Crifase, at crifased@gtc.edu.	
442-329-3E6A	SP	W	07:00A-01:00P	01/19-05/04
			This course is offered in an individualized flexible format. Students may begin after the official start date of the semester. Each student will meet with the instructor to establish a class schedule. For more information, call 262-741-8432 for day class information.	

442-330 Welding/Advanced Shielded Metal Arc Welding 3.00 CR

\$499.44 PREREQUISITES: 442-322 Welding/Shielded Metal Arc Welding
Provides advanced welding applications in SMAW welding with small (3/23 inch) and large (5/32 inch) electrodes hardface, aluminum, structural and pipe applications.

Racine

442-330-3R21	ST	M	04:00P-10:00P	01/24-05/09
			See below for additional course information.*	
442-330-3R22	ST	T	04:00P-10:00P	01/25-05/10
			See below for additional course information.*	
442-330-3R23	ST	W	04:00P-10:00P	01/19-05/04
			See below for additional course information.*	
442-330-3R24	ST	Th	04:00P-10:00P	01/20-05/05
			See below for additional course information.*	
442-330-3R2A	ST	M	07:00A-01:00P	01/24-05/09
			See below for additional course information.*	
442-330-3R2B	ST	T	07:00A-01:00P	01/25-05/10
			See below for additional course information.*	
442-330-3R2C	ST	W	07:00A-01:00P	01/19-05/04
			See below for additional course information.*	

442-330-3R2D	ST	Th	07:00A-01:00P	01/20-05/05	442-321-3R2A	ST	M	07:00A-01:00P	01/24-05/09
See below for additional course information.*					See below for additional course information.*				
442-330-3R2E	ST	M	11:20A-05:20P	01/24-05/09	442-321-3R2B	ST	T	07:00A-01:00P	01/25-05/10
See below for additional course information.*					See below for additional course information.*				
442-330-3R2F	ST	T	11:20A-05:20P	01/25-05/10	442-321-3R2C	ST	W	07:00A-01:00P	01/19-05/04
See below for additional course information.*					See below for additional course information.*				
442-330-3R2G	ST	W	11:20A-05:20P	01/19-05/04	442-321-3R2D	ST	Th	07:00A-01:00P	01/20-05/05
See below for additional course information.*					See below for additional course information.*				
442-330-3R2H	ST	Th	11:20A-05:20P	01/20-05/05	442-321-3R2E	ST	M	11:20A-05:20P	01/24-05/09
See below for additional course information.*					See below for additional course information.*				

*All students are required to attend the first day of class for orientation.

Elkhorn

442-330-3E61	SP	T	06:00P-10:00P	01/25-05/10	442-321-3R2G	ST	W	11:20A-05:20P	01/19-05/04
If class is full, contact instructor, Ken Karwowski, at 262-741-8368 or karwowskik@gtc.edu.					See below for additional course information.*				

442-330-3E62	SP	M	04:00P-10:00P	01/24-05/09	442-321-3R2H	ST	Th	11:20A-05:20P	01/20-05/05
If class is full, contact instructor, Dan Crifase, at crifased@gtc.edu.					See below for additional course information.*				

442-330-3E6A	SP	M	07:00A-01:00P	01/24-05/09	*All students are required to attend the first day of class for orientation.				
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This course is offered in an individualized flexible format. Students may begin after the official start date of the semester. Each student will meet with the instructor to establish a class schedule. For more information, call 262-741-8432 for day class information.

442-314 Welding/Fundamentals of 2.00 CR

\$332.96 PREREQUISITES: NONE

This course covers the four main welding processes of gas metal ARC (mig wire) shielded metal arc (stick) gas tungsten arc (tig, heliarc) and oxyacetylene weld, cut and braze. Ideal course for beginners, home welders or apprentices.

Racine

442-314-3R2A		F	04:45P-09:15P	01/21-05/06					
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Elkhorn

442-314-3E61	SP	Th	06:00P-10:00P	01/20-05/05	If class is full, contact instructor, Ken Karwowski, at 262-741-8368 or karwowskik@gtc.edu.				
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Off Campus

442-314-3B21	ST	TTh	04:00P-07:00P	01/20-04/07	This course will be held at Burlington High School, 400 McCanna Parkway, Room 174.				
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442-321 Welding/Gas Metal Arc Welding 3.00 CR

\$499.44 PREREQUISITES: NONE

(GMAW; MIG; Short-Arc; Wire. Instructs in basic safety, equipment usages and procedures with various filler metal in four basic welding positions. Instruction in plasma arc cutting of various metals. Provides considerable hands-on experience as well as technical information.

Racine

442-321-3R21	ST	M	04:00P-10:00P	01/24-05/09	See below for additional course information.*				
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442-321-3R22	ST	T	04:00P-10:00P	01/25-05/10	See below for additional course information.*				
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442-321-3R23	ST	W	04:00P-10:00P	01/19-05/04	See below for additional course information.*				
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442-321-3R24	ST	Th	04:00P-10:00P	01/20-05/05	See below for additional course information.*				
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See below for additional course information.*

442-321-3R2A	ST	M	07:00A-01:00P	01/24-05/09	See below for additional course information.*				
442-321-3R2B	ST	T	07:00A-01:00P	01/25-05/10	See below for additional course information.*				
442-321-3R2C	ST	W	07:00A-01:00P	01/19-05/04	See below for additional course information.*				
442-321-3R2D	ST	Th	07:00A-01:00P	01/20-05/05	See below for additional course information.*				
442-321-3R2E	ST	M	11:20A-05:20P	01/24-05/09	See below for additional course information.*				
442-321-3R2F	ST	T	11:20A-05:20P	01/25-05/10	See below for additional course information.*				
442-321-3R2G	ST	W	11:20A-05:20P	01/19-05/04	See below for additional course information.*				
442-321-3R2H	ST	Th	11:20A-05:20P	01/20-05/05	See below for additional course information.*				

*All students are required to attend the first day of class for orientation.

Elkhorn

442-321-3E61	SP	T	04:00P-10:00P	01/25-05/10	If class is full, contact instructor, Ken Karwowski, at 262-741-8368 or karwowskik@gtc.edu.				
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442-321-3E62	SP	M	04:00P-10:00P	01/24-05/09	If class is full, contact instructor, Dan Crifase, at crifased@gtc.edu.				
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442-321-3E6A	SP	T	07:00A-01:00P	01/25-05/10	This course is offered in an individualized flexible format. Students may begin after the official start date of the semester. Each student will meet with the instructor to establish a class schedule. For more information, call 262-741-8432 for day class information.				
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442-321-3E6A	SP	T	07:00A-01:00P	01/25-05/10	This course is offered in an individualized flexible format. Students may begin after the official start date of the semester. Each student will meet with the instructor to establish a class schedule. For more information, call 262-741-8432 for day class information.				
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442-323 Welding/Gas Tungsten Arc Welding 3.00 CR

\$499.44 PREREQUISITES: NONE

(GTAW, TIG, Heli-Arc, Tungsten) Instructs in basic safety, equipment usages and procedures with various filler rods in three basic welding positions. Provides considerable hands-on experience as well as technical information.

Racine

442-323-3R21	ST	M	04:00P-10:00P	01/24-05/09	See below for additional course information.*				
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442-323-3R22	ST	T	04:00P-10:00P	01/25-05/10	See below for additional course information.*				
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442-323-3R23	ST	W	04:00P-10:00P	01/19-05/04	See below for additional course information.*				
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442-323-3R24	ST	Th	04:00P-10:00P	01/20-05/05	See below for additional course information.*				
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442-323-3R2A	ST	M	07:00A-01:00P	01/24-05/09	See below for additional course information.*				
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442-323-3R2B	ST	T	07:00A-01:00P	01/25-05/10	See below for additional course information.*				
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442-323-3R2C	ST	W	07:00A-01:00P	01/19-05/04	See below for additional course information.*				
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442-323-3R2D	ST	Th	07:00A-01:00P	01/20-05/05	See below for additional course information.*				
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442-323-3R2E	ST	M	11:20A-05:20P	01/24-05/09	See below for additional course information.*				
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442-323-3R2E	ST	M	11:20A-05:20P	01/24-05/09	See below for additional course information.*				
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442-323-3R2F	ST	T	11:20A-05:20P	01/25-05/10
	See below for additional course information.*			
442-323-3R2G	ST	W	11:20A-05:20P	01/19-05/04
	See below for additional course information.*			
442-323-3R2H	ST	Th	11:20A-05:20P	01/20-05/05
	See below for additional course information.*			

*All students are required to attend the first day of class for orientation.

Elkhorn

442-323-3E61	SP	W	04:00P-10:00P	01/19-05/04
	If class is full, contact instructor, Ken Karwowski, at 262-741-8368 or karwowskik@gtc.edu.			
442-323-3E62	SP	M	04:00P-10:00P	01/24-05/09
	If class is full, contact instructor, Dan Crifase, at crifased@gtc.edu.			
442-323-3E6A	SP	Th	07:00A-01:00P	01/20-05/05
	This course is offered in an individualized flexible format. Students may begin after the official start date of the semester. Each student will meet with the instructor to establish a class schedule. For more information, call 262-741-8432 for day class information.			

442-334 Welding/Oxyacetylene 3.00 CR

\$499.44 PREREQUISITES: NONE
(O-A; Gas) Instructs in basic safety, equipment usage and procedures with steel and braze filler rods in the four basic welding positions. Instructs in O-A cutting; providing considerable hands-on experience as well as technical information.

Racine

442-334-3R21	ST	M	04:00P-10:00P	01/24-05/09
	See below for additional course information.*			
442-334-3R22	ST	T	04:00P-10:00P	01/25-05/10
	See below for additional course information.*			
442-334-3R23	ST	W	04:00P-10:00P	01/19-05/04
	See below for additional course information.*			
442-334-3R24	ST	Th	04:00P-10:00P	01/20-05/05
	See below for additional course information.*			
442-334-3R2A	ST	M	07:00A-01:00P	01/24-05/09
	See below for additional course information.*			
442-334-3R2B	ST	T	07:00A-01:00P	01/25-05/10
	See below for additional course information.*			
442-334-3R2C	ST	W	07:00A-01:00P	01/19-05/04
	See below for additional course information.*			
442-334-3R2D	ST	Th	07:00A-01:00P	01/20-05/05
	See below for additional course information.*			
442-334-3R2E	ST	M	11:20A-05:20P	01/24-05/09
	See below for additional course information.*			
442-334-3R2F	ST	T	11:20A-05:20P	01/25-05/10
	See below for additional course information.*			
442-334-3R2G	ST	W	11:20A-05:20P	01/19-05/04
	See below for additional course information.*			
442-334-3R2H	ST	Th	11:20A-05:20P	01/20-05/05
	See below for additional course information.*			

*All students are required to attend the first day of class for orientation.

Elkhorn

442-334-3E61	SP	W	04:00P-10:00P	01/19-05/04
	If class is full, contact instructor, Ken Karwowski, at 262-741-8368 or karwowskik@gtc.edu.			

442-334-3E6A	SP	W	07:00A-01:00P	01/19-05/04
	This course is offered in an individualized flexible format. Students may begin after the official start date of the semester. Each student will meet with the instructor to establish a class schedule. For more information, call 262-741-8432 for day class information.			

442-347 Welding/Pipe Gas Metal Arc Welding 2.00 CR

\$332.96 PREREQUISITES: 442-321 Welding/Gas Metal Arc Welding
Provides open butt GMAW in 2G, 5G and 6G positions.

Racine

442-347-3R21	ST	M	04:45P-09:15P	01/24-05/09
	See below for additional course information.*			
442-347-3R22	ST	T	04:45P-09:15P	01/25-05/10
	See below for additional course information.*			
442-347-3R23	ST	W	04:45P-09:15P	01/19-05/04
	See below for additional course information.*			
442-347-3R24	ST	Th	04:45P-09:15P	01/20-05/05
	See below for additional course information.*			
442-347-3R2A	ST	M	07:00A-11:00A	01/24-05/09
	See below for additional course information.*			
442-347-3R2B	ST	T	07:00A-11:00A	01/25-05/10
	See below for additional course information.*			
442-347-3R2C	ST	W	07:00A-11:00A	01/19-05/04
	See below for additional course information.*			
442-347-3R2D	ST	Th	07:00A-11:00A	01/20-05/05
	See below for additional course information.*			
442-347-3R2E	ST	M	11:20A-03:20P	01/24-05/09
	See below for additional course information.*			
442-347-3R2F	ST	T	11:20A-03:20P	01/25-05/10
	See below for additional course information.*			
442-347-3R2G	ST	W	11:20A-03:20P	01/19-05/04
	See below for additional course information.*			
442-347-3R2H	ST	Th	11:20A-03:20P	01/20-05/05
	See below for additional course information.*			

*All students are required to attend the first day of class for orientation.

Elkhorn

442-347-3E61	SP	W	04:00P-08:00P	01/19-05/04
	If class is full, contact instructor, Ken Karwowski, at 262-741-8368 or karwowskik@gtc.edu.			

442-345 Welding/Pipe Gas Tungsten Arc Welding 2.00 CR

\$332.96 PREREQUISITES: 442-322 Welding/Shielded Metal Arc Welding and 442-323 Welding/Gas Tungsten Arc Welding
Provide open butt GTAW with ER70S-2 filler and E7018 filler in 2G, 5G, 6G positions.

Racine

442-345-3R21	ST	M	04:45P-09:15P	01/24-05/09
	See below for additional course information.*			
442-345-3R22	ST	T	04:45P-09:15P	01/25-05/10
	See below for additional course information.*			
442-345-3R23	ST	W	04:45P-09:15P	01/19-05/04
	See below for additional course information.*			
442-345-3R24	ST	Th	04:45P-09:15P	01/20-05/05
	See below for additional course information.*			

442-345-3R2A	ST	M	07:00A-11:00A	01/24-05/09	See below for additional course information.*
442-345-3R2B	ST	T	07:00A-11:00A	01/25-05/10	See below for additional course information.*
442-345-3R2C	ST	W	07:00A-11:00A	01/19-05/04	See below for additional course information.*
442-345-3R2D	ST	Th	07:00A-11:00A	01/20-05/05	See below for additional course information.*
442-345-3R2E	ST	M	11:20A-03:20P	01/24-05/09	
442-345-3R2F	ST	T	11:20A-03:20P	01/25-05/10	See below for additional course information.*
442-345-3R2G	ST	W	11:20A-03:20P	01/19-05/04	See below for additional course information.*
442-345-3R2H	ST	Th	11:20A-03:20P	01/20-05/05	See below for additional course information.*

*All students are required to attend the first day of class for orientation.

Elkhorn

442-345-3E61	SP	Th	04:00P-08:00P	01/20-05/05	If class is full, contact instructor, Ken Karwowski, at 262-741-8368 or karwowskik@gtc.edu.
442-345-3E62	SP	M	04:00P-08:00P	01/24-05/09	If class is full, contact instructor, Dan Crifase, at crifased@gtc.edu.

442-346 Welding/Pipe Gas Tungsten Arc Certification 2.00 CR

S332.96 PREREQUISITES: 442-323 Welding/Gas Tungsten Arc Welding
Provide open butt GTAW root and fillers with ER70S-2 in 2G, 5G and 6G positions.
Provides Gateway Technical College welding certification.

Racine

442-346-3R21	ST	M	04:45P-09:15P	01/24-05/09	See below for additional course information.*
442-346-3R22	ST	T	04:45P-09:15P	01/25-05/10	See below for additional course information.*
442-346-3R23	ST	W	04:45P-09:15P	01/19-05/04	See below for additional course information.*
442-346-3R24	ST	Th	04:45P-09:15P	01/20-05/05	See below for additional course information.*
442-346-3R2A	ST	M	07:00A-11:00A	01/24-05/09	See below for additional course information.*
442-346-3R2B	ST	T	07:00A-11:00A	01/25-05/10	See below for additional course information.*
442-346-3R2C	ST	W	07:00A-11:00A	01/19-05/04	See below for additional course information.*
442-346-3R2D	ST	Th	07:00A-11:00A	01/20-05/05	See below for additional course information.*
442-346-3R2E	ST	M	11:20A-03:20P	01/24-05/09	See below for additional course information.*
442-346-3R2F	ST	T	11:20A-03:20P	01/25-05/10	See below for additional course information.*
442-346-3R2G	ST	W	11:20A-03:20P	01/19-05/04	See below for additional course information.*
442-346-3R2H	ST	Th	11:20A-03:20P	01/20-05/05	See below for additional course information.*

*All students are required to attend the first day of class for orientation.

Elkhorn					
442-346-3E61	SP	Th	04:00P-08:00P	01/20-05/05	If class is full, contact instructor, Ken Karwowski, at 262-741-8368 or karwowskik@gtc.edu.

442-342 Welding/Pipe Oxyacetylene Fitting 1.00 CR

S166.48 PREREQUISITES: 442-334 Welding/Oxyacetylene
Provide cutting and fitting of basic pipe joints. Includes pipe layout.

Racine

442-342-3R21	ST	M	04:45P-09:15P	01/24-03/21	See below for additional course information.*
442-342-3R22	ST	T	04:45P-09:15P	01/25-03/29	See below for additional course information.*
442-342-3R23	ST	W	04:45P-09:15P	01/19-03/09	See below for additional course information.*
442-342-3R24	ST	Th	04:45P-09:15P	01/20-03/10	See below for additional course information.*
442-342-3R2A	ST	M	07:00A-11:00A	01/24-03/21	See below for additional course information.*
442-342-3R2B	ST	T	07:00A-11:00A	01/25-03/29	See below for additional course information.*
442-342-3R2C	ST	W	07:00A-11:00A	01/19-03/09	See below for additional course information.*
442-342-3R2D	ST	Th	07:00A-11:00A	01/20-03/10	See below for additional course information.*
442-342-3R2E	ST	M	11:20A-03:20P	01/24-03/21	See below for additional course information.*
442-342-3R2F	ST	T	11:20A-03:20P	01/25-03/29	See below for additional course information.*
442-342-3R2G	ST	W	11:20A-03:20P	01/19-03/09	See below for additional course information.*
442-342-3R2H	ST	Th	11:20A-03:20P	01/20-03/10	See below for additional course information.*

*All students are required to attend the first day of class for orientation.

Elkhorn

442-342-3E61	SP	Th	04:00P-06:00P	01/20-05/05	If class is full, contact instructor, Ken Karwowski, at 262-741-8368 or karwowskik@gtc.edu.
442-342-3E62	SP	M	04:00P-08:00P	01/24-05/09	If class is full, contact instructor, Dan Crifase, at crifased@gtc.edu.

442-343 Welding/Pipe Shielded Metal Arc Welding 2.00 CR

S332.96 PREREQUISITES: 442-322 Welding/Shielded Metal Arc Welding
Provide open butt SMAW welding with E6010 in 2G, 5G and 6G positions.

Racine

442-343-3R21	ST	M	04:45P-09:15P	01/24-05/09	See below for additional course information.*
442-343-3R22	ST	T	04:45P-09:15P	01/25-05/10	See below for additional course information.*
442-343-3R23	ST	W	04:45P-09:15P	01/19-05/04	See below for additional course information.*
442-343-3R24	ST	Th	04:45P-09:15P	01/20-05/05	See below for additional course information.*

442-343-3R2A	ST	M	07:00A-11:00A	01/24-05/09	See below for additional course information.*
442-343-3R2B	ST	T	07:00A-11:00A	01/25-05/10	See below for additional course information.*
442-343-3R2C	ST	W	07:00A-11:00A	01/19-05/04	See below for additional course information.*
442-343-3R2D	ST	Th	07:00A-11:00A	01/20-05/05	See below for additional course information.*
442-343-3R2E	ST	M	11:20A-03:20P	01/24-05/09	See below for additional course information.*
442-343-3R2F	ST	T	11:20A-03:20P	01/25-05/10	See below for additional course information.*
442-343-3R2G	ST	W	11:20A-03:20P	01/19-05/04	See below for additional course information.*
442-343-3R2H	ST	Th	11:20A-03:20P	01/20-05/05	See below for additional course information.*

*All students are required to attend the first day of class for orientation.

Elkhorn

442-343-3E61	SP	Th	04:00P-08:00P	01/20-05/05	If class is full, contact instructor, Ken Karwowski, at 262-741-8368 or karwowskik@gtc.edu.
442-343-3E62	SP	M	04:00P-08:00P	01/24-05/09	If class is full, contact instructor, Dan Crifase, at crifased@gtc.edu.

442-344	Welding/Pipe Shielded Metal Arc Certification	2.00 CR
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S332.96 PREREQUISITES: 442-322 Welding/Shielded Metal Arc Welding
Provide open butt SMAW welding with E6010 root, E7018 fill i 2G, 5G and 6G positions. Includes Gateway Technical College pipe certification.

Racine

442-344-3R21	ST	M	04:45P-09:15P	01/24-05/09	See below for additional course information.*
442-344-3R22	ST	T	04:45P-09:15P	01/25-05/10	See below for additional course information.*
442-344-3R23	ST	W	04:45P-09:15P	01/19-05/04	See below for additional course information.*
442-344-3R24	ST	Th	04:45P-09:15P	01/20-05/05	See below for additional course information.*
442-344-3R2A	ST	M	07:00A-11:00A	01/24-05/09	See below for additional course information.*
442-344-3R2B	ST	T	07:00A-11:00A	01/25-05/10	See below for additional course information.*
442-344-3R2C	ST	W	07:00A-11:00A	01/19-05/04	See below for additional course information.*
442-344-3R2D	ST	Th	07:00A-11:00A	01/20-05/05	See below for additional course information.*
442-344-3R2E	ST	M	11:20A-03:20P	01/24-05/09	See below for additional course information.*
442-344-3R2F	ST	T	11:20A-03:20P	01/25-05/10	See below for additional course information.*
442-344-3R2G	ST	W	11:20A-03:20P	01/19-05/04	See below for additional course information.*
442-344-3R2H	ST	Th	11:20A-03:20P	01/20-05/05	See below for additional course information.*

*All students are required to attend the first day of class for orientation.

Elkhorn

442-344-3E61	SP	Th	04:00P-08:00P	01/20-05/05	If class is full, contact instructor, Ken Karwowski, at 262-741-8368 or karwowskik@gtc.edu.
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442-327	Welding/Robotic Advanced GMAW	4.00 CR
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S665.92 PREREQUISITES: NONE
COREQUISITES: 442-335 Welding/Robotic Program and Plasma
This course covers basic safety, equipment usage, and procedures with a Panasonic VR 008 G2 series robot on programming and advanced gas tungsten arc welding.

Elkhorn

442-327-3E6A	SP	M	11:00A-12:55P	01/20-05/05	This course is offered in an individualized flexible format. Students may begin after the official start date of the semester. Each student will meet with the instructor to establish a class schedule. For more information, call 262-741-8432 for day class information.
		Th	07:00A-01:00P	01/20-05/05	

442-326	Welding/Robotic Advanced GTAW	4.00 CR
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S665.92 PREREQUISITES: NONE
COREQUISITES: 442-335 Welding/Robotic Program and Plasma
This course covers basic safety, equipment usage, and procedures with a Panasonic VR 008 G2 series robot on programming and advanced gas metal arc welding.

Elkhorn

442-326-3E6A	SP	T	07:00A-01:00P	01/25-05/11	This course is offered in an individualized flexible format. Students may begin after the official start date of the semester. Each student will meet with the instructor to establish a class schedule. For more information, call 262-741-8432 for day class information.
		W	09:00A-11:00A	01/25-05/11	

442-328	Welding/Robotic and Plasma Welding	2.00 CR
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S332.96 PREREQUISITES: NONE
COREQUISITES: 442-335 Welding/Robotic Program and Plasma
This course covers basic safety, equipment usage, and procedures with a Panasonic VR 008 G2 series robot on programming and plasma welding.

Elkhorn

442-328-3E6A	SP	W	07:00A-10:55A	01/19-05/04	This course is offered in an individualized flexible format. Students may begin after the official start date of the semester. Each student will meet with the instructor to establish a class schedule. For more information, call 262-741-8432 for day class information.
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442-335	Welding/Robotic Program and Plasma Cutting	2.00 CR
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S232.96 PREREQUISITES: 442-334 Welding/Oxyacetylene and 442-321 Welding/Gas Metal Arc Welding and 442-322 Welding/Shielded Metal Arc Welding and 442-323 Welding/Gas Tungsten Arc Welding
This course covers basic safety, equipment usage, and procedures with a Panasonic VR 008 G2 series robot on programming and plasma cutting.

Elkhorn

442-335-3E6A	SP	M	07:00A-09:00A	01/19-05/09	
		W	11:00A-01:00P	01/19-05/09	

This course is offered in an individualized flexible format.
Students may begin after the official start date of the semester.
Each student will meet with the instructor to establish a class
schedule. For more information, call 262-741-8432 for day class
information.

442-322 Welding/Shielded Metal Arc Welding 3.00 CR

S499.44 PREREQUISITES: NONE

(SMAW,Stick,Stick-Arc) Instructs in basic safety, equipment usages and procedures with five basic welding electrodes in four basic welding positions. Provides considerable hands-on experience as well as technical information. Allows for simulated structural steel welding certification opportunity.

Racine

442-322-3R21	ST	M	04:00P-10:00P	01/24-05/09
	See below for additional course information.*			
442-322-3R22	ST	T	04:00P-10:00P	01/25-05/10
	See below for additional course information.*			
442-322-3R23	ST	W	04:00P-10:00P	01/19-05/04
	See below for additional course information.*			
442-322-3R24	ST	Th	04:00P-10:00P	01/20-05/05
	See below for additional course information.*			
442-322-3R2A	ST	M	07:00A-01:00P	01/24-05/09
	See below for additional course information.*			
442-322-3R2B	ST	T	07:00A-01:00P	01/25-05/10
	See below for additional course information.*			
442-322-3R2C	ST	W	07:00A-01:00P	01/19-05/04
	See below for additional course information.*			
442-322-3R2D	ST	Th	07:00A-01:00P	01/20-05/05
	See below for additional course information.*			
442-322-3R2E	ST	M	11:20A-05:20P	01/24-05/09
	See below for additional course information.*			
442-322-3R2F	ST	T	11:20A-05:20P	01/25-05/10
	See below for additional course information.*			
442-322-3R2G	ST	W	11:20A-05:20P	01/19-05/04
	See below for additional course information.*			
442-322-3R2H	ST	Th	11:20A-05:20P	01/20-05/05
	See below for additional course information.*			

*All students are required to attend the first day of class for orientation.

Elkhorn

442-322-3E61	SP	T	04:00P-10:00P	01/25-05/10
	If class is full, contact instructor, Ken Karwowski, at 262-741-8368 or karwowskik@gtc.edu.			
442-322-3E62	SP	M	04:00P-10:00P	01/24-05/09
	If class is full, contact instructor, Dan Crifase, at crifased@gtc.edu.			
442-322-3E6A	SP	M	07:00A-01:00P	01/24-05/09

This course is offered in an individualized flexible format.
Students may begin after the official start date of the semester.
Each student will meet with the instructor to establish a class
schedule. For more information, call 262-741-8432 for day class
information.



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English

851-760 Pre-Technical Writing 2.00 CR

\$20.96 PREREQUISITES: NONE

Pre-Technical Communication is designed to enable students to learn or review their basic grammar and language skills in order to deal more effectively with coursework in future vocational programs. Instruction emphasizes usage and clarity, sentence and paragraph construction, and punctuation and writing.

Racine

851-760-3R11	M	05:50P-09:50P	01/24-05/09
851-760-3R12	T	05:50P-09:50P	01/25-05/10
851-760-3R1A	TTh	01:30P-03:30P	01/20-05/10
851-760-3R1E	S	08:05A-10:05A	01/22-05/07

Elkhorn

851-760-3E1A	S	08:05A-10:05A	01/22-05/07
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Off Campus

851-760-3Z1A	MTW	03:40P-05:40P	02/28-05/10
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This course is taught at Waterford Union High School.

851-769 Writing/Pre-College 2.00 CR

\$20.96 PREREQUISITES: 851-760 Pre-Technical Writing

This course strengthens foundation competencies in writing. It emphasizes basic grammar, sentence structure, and paragraph development. It prepares students for the writing skills taught in Intro to College Writing.

Kenosha

851-769-3K11	W	05:50P-09:50P	01/19-05/04
851-769-3K1A	MW	10:15A-12:15P	01/19-05/09
851-769-3K1B	TTh	12:25P-02:25P	01/20-05/10

Racine

851-769-3R11	T	05:50P-09:50P	01/25-05/10
851-769-3R1A	MW	01:30P-03:30P	01/19-05/09
851-769-3R1B	TTh	10:15A-12:15P	01/20-05/10

Elkhorn

851-769-3E11	M	05:50P-09:50P	01/24-05/09
851-769-3E1A	MW	01:30P-03:30P	01/19-05/09

Burlington

851-769-3B11	TTh	06:00P-08:00P	01/20-05/10
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Gen College: Natural Science

836-133 Prep for Basic Chemistry 2.00 CR

\$232.96 PREREQUISITES: NONE

Introduces basic principles of chemistry including the properties of matter, atomic structure, and the classification of chemical reactions. Students learn to characterize solutions, acids, and bases, and differentiate between elements and compounds.

Kenosha

836-133-3K1A	TTh	09:10A-10:10A	01/20-05/10
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Racine

836-133-3R1A	MW	03:40P-04:40P	01/19-05/09
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General College: Comm Skills

831-103 College Writing, Intro 3.00 CR

\$347.44 PREREQUISITES: 851-769 Writing/Pre-College

Introduces basic principles of composition, including organization, development, unity, and coherence in paragraphs and multi-paragraph documents.

Kenosha

831-103-3K11	MW	04:45P-06:15P	01/19-05/09
831-103-3K12	M	05:50P-08:50P	01/24-05/09
831-103-3K13	T	06:00P-09:00P	01/25-05/10
831-103-3K1A	M	01:30P-04:30P	01/24-05/09
831-103-3K1B	W	10:15A-01:15P	01/19-05/04
831-103-3K1C	W	01:30P-04:30P	01/19-05/04
831-103-3K1D	Th	07:00P-10:00P	01/20-05/05
831-103-3K9A	S	07:00A-10:00A	01/22-05/07

Racine

831-103-3R11	T	06:00P-09:00P	01/25-05/10
831-103-3R12	Th	06:00P-09:00P	01/20-05/05
831-103-3R1A	MW	08:05A-09:35A	01/19-05/09
831-103-3R1B	MW	02:35P-04:05P	01/19-05/09
831-103-3R1C	TTh	10:15A-11:45A	01/20-05/10

Elkhorn

831-103-3E11	Th	06:00P-09:00P	01/20-05/05
831-103-3E1A	MW	12:25P-01:55P	01/19-05/09
831-103-3E1B	TTh	09:10A-10:40A	01/20-05/10

Burlington

831-103-3B11	W	06:00P-09:00P	01/19-05/04
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General College: Mathematics

834-109 Pre-Algebra 3.00 CR

\$347.44 PREREQUISITES: 854-760 Mathematics/Pre Technical

Provides an introduction to algebra. Includes operations on real numbers, solving linear equations, percent and proportion, and an introduction to polynomials and statistics. Prepares students for elementary algebra and subsequent algebra related courses.

Kenosha

834-109-3K11	Th	06:00P-09:00P	01/20-05/05
834-109-3K12	W	06:00P-09:00P	01/19-05/04
834-109-3K1A	TTh	08:05A-09:35A	01/20-05/10

Racine

834-109-3R11	T	06:00P-09:00P	01/25-05/10
834-109-3R12	M	06:00P-09:00P	01/24-05/09
834-109-3R1A	MW	12:25P-01:55P	01/19-05/09

Elkhorn

834-109-3E11	W	06:00P-09:00P	01/19-05/04
834-109-3E1A	MW	12:25P-01:55P	01/19-05/09

General College: Reading

838-105 Reading & Study Skills, Intro 3.00 CR

S347.44 PREREQUISITES: 858-760 Pre-Technical Reading

This course provides learners with opportunities to develop study skills and expand reading skills including comprehension, fluency, and vocabulary skills. Learners apply reading skills to academic tasks and read to acquire information from a variety of sources.

Kenosha

838-105-3K11	T	06:00P-09:00P	01/25-05/10
838-105-3K12	W	06:00P-09:00P	01/19-05/04
838-105-3K1A	MW	09:10A-10:40A	01/19-05/09
838-105-3K1B	TTh	12:25P-01:55P	01/20-05/10
838-105-3K1C	F	08:05A-11:05A	01/21-05/06

Racine

838-105-3R11	M	06:00P-09:00P	01/24-05/09
838-105-3R12	Th	06:00P-09:00P	01/20-05/05
838-105-3R1A	MW	10:15A-11:45A	01/19-05/09
838-105-3R1B	TTh	12:25P-01:55P	01/20-05/10
838-105-3R1C	TTh	08:05A-09:35A	01/25-05/10

Elkhorn

838-105-3E11	T	06:00P-09:00P	01/25-05/10
838-105-3E1A	MW	11:20A-12:50P	01/19-05/09

General College: Success

835-104 College Success 2.00 CR

S232.96 PREREQUISITES: NONE

This course provides learners with strategies to develop skills for success in college. Learners will apply self management techniques, explore resource management strategies, and learn about ways to improve personal effectiveness.

Kenosha

835-104-3K1A	F	11:20A-01:20P	01/21-05/06
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Racine

835-104-3R1A	W	02:35P-04:35P	01/19-05/04
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Elkhorn

835-104-3E1A	Th	12:25P-02:25P	01/20-05/05
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Mathematics

854-769 Algebra Pre-College 2.00 CR

S20.96 PREREQUISITES: 854-761 Algebra/Pre Technical

Pre College Algebra is a beginning and/or review course which prepares the student for college level mathematics. The course covers basic mathematical operations applied to signed numbers and algebraic functions and also includes operations with polynomials. Factoring, linear and quadratic equations, formulas, and formula manipulation are also included.

Kenosha

854-769-3K1A	F	08:05A-12:05P	01/21-05/06
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Racine

854-769-3R11	TTh	06:00P-08:00P	01/19-05/09
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Elkhorn

854-769-3E1A	TTh	02:35P-04:35P	01/19-05/09
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854-761 Algebra/Pre Technical 2.00 CR

S20.96 PREREQUISITES: 854-760 Mathematics/Pre Technical

A basic algebra course which covers algebraic expressions, polynomials, factoring, operations with integers, solving equations, and word problems.

Racine

854-761-3R1A	TTh	08:05A-10:05A	01/20-05/10
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Elkhorn

854-761-3E1A	TTh	10:15A-12:15P	01/20-05/10
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854-760 Mathematics/Pre Technical 2.00 CR

S20.96 PREREQUISITES: 854-750 Mathematics 200

Pre-Technical Mathematics is a course designed to enable students to improve and enhance their mathematical skills in order to deal more effectively with mathematics in a future program. Material to be covered includes basic operations with fractions, decimals, and percents. Also included will be work with pre-geometry (measurement involving perimeter, circumference, area and volume).

Racine

854-760-3R11	Th	05:50P-09:50P	01/20-05/10
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854-760-3R1A	MW	08:05A-10:05A	01/19-05/09
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854-760-3R1B	WF	08:05A-10:05A	01/19-05/06
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854-760-3R1C	TTh	01:30P-04:45P	03/08-05/10
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854-760-3R1D	TTh	10:15A-12:15P	01/20-05/10
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854-760-3R1E	S	10:15A-12:15P	01/22-05/07
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Elkhorn

854-760-3E11	MW	06:55P-08:55P	01/19-05/09
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854-760-3E12	TTh	03:40P-04:40P	01/20-05/10
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	TTh	04:40P-05:40P	01/20-05/10
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854-760-3E1A	S	12:25P-02:25P	01/22-05/07
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854-760-3E1B	TTh	12:25P-01:25P	01/20-05/10
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	TTh	01:25P-02:25P	01/20-05/10
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Burlington

854-760-3B11	MW	05:55P-06:55P	01/19-05/09
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	MW	06:55P-07:55P	01/19-05/09
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Reading

858-760 Pre-Technical Reading 2.00 CR

S PREREQUISITES: 858-750 Reading 200

Pre-Technical Reading is designed to help students improve their ability to read textbooks and other printed work in vocational programs. Students are placed into the course based on Gateway placement test scores and counselor or teacher recommendation. The course provides basic skills instruction, including general vocabulary and comprehension practice, but it emphasizes reading/ study skill techniques necessary for success in Gateway's courses.

Racine

858-760-3R1A	MW	10:15A-12:15P	01/19-05/09
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Elkhorn

858-760-1E1A	TTh	01:30P-03:30P	01/19-05/10
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Career Education

862-700A Career Development/Exploration I-AHS .5 Cr 2.00 CR

\$4.00 PREREQUISITES: NONE

Using a decision-making framework, students learn to become more self-directed in exploring and planning careers. The students will examine their skills, preferences and values, as well as educational and employment opportunities. A testing fee of \$5.00 is payable at the first meeting.

Racine

862-700A-3R1A	MWF	10:15A-12:00P	01/19-03/07
862-700A-3R1B	MWF	10:15A-12:00P	03/21-05/09

English

851-710A English Fundamentals I-AHS .5 CR 2.00 CR

\$4.00 PREREQUISITES: NONE

A basic course that provides understanding of English fundamentals as the key to effective communication. Grammar, usage and punctuation are included. Students with good English skills should not enroll. Textbook required.

Racine

851-710A-3R1A	MWF	10:15A-12:00P	01/19-03/07
851-710A-3R1B	TTh	12:25P-02:55P	01/20-03/08
851-710A-3R1C	MWF	09:10A-10:55A	01/19-03/07
851-710A-3R1D	TTh	03:40P-06:10P	03/22-05/10

851-711A English Fundamentals II-AHS .5 CR 2.00 CR

\$4.00 PREREQUISITES: NONE

This basic course provides an understanding of English fundamentals as the key to effective communication. The emphasis is on the study of English usage through writing. Students with good English skills should not enroll. A textbook is required for this course.

Racine

851-711A-3R1A	MWF	10:15A-12:00P	03/21-05/09
851-711A-3R1B	TTh	12:25P-02:55P	03/22-05/10
851-711A-3R1C	MWF	09:10A-10:55A	03/21-05/09
851-711A-3R1D	MW	02:35P-05:05P	03/21-05/09

851-700A English Fundamentals-AHS 1.0 CR 3.00 CR

\$4.00 PREREQUISITES: NONE

A basic course that provides understanding of English fundamentals as the key to effective communication. The study of grammar, usage and punctuation are emphasized through the development of writing skills. Students with good English skills should not enroll. Textbook required.

Racine

851-700A-3R11	MW	05:50P-08:20P	01/19-05/09
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851-707A Fantasy and Science Fiction I-AHS .5CR 2.00 CR

\$4.00 PREREQUISITES: NONE

A course designed to enrich and stimulate the student's interest and appreciation of modern short science fiction and fantasy literature.

Elkhorn

851-707A-3E1A	TTh	12:25P-02:55P	03/22-05/10
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851-718A Media Mass Communication I-AHS .5 CR 2.00 CR

\$4.00 PREREQUISITES: NONE

A course with an analytical approach to understanding advertising, propaganda, mass media, newspapers, television, radio and their effect on society. Textbook may be required.

Racine

851-718A-3R1A	TTh	09:10A-11:40A	01/20-03/08
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851-705A Media/Mass Communications-AHS 1.0 CR 3.00 CR

\$4.00 PREREQUISITES: NONE

A course with an analytical approach to understanding advertising, propaganda, mass media, newspapers, television, radio and their effect on society. Textbook may be required.

Elkhorn

851-705A-3E1A	TTh	08:05A-11:05A	02/15-05/10
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851-706A Modern Short Fiction I-AHS .5 CR 2.00 CR

\$4.00 PREREQUISITES: NONE

A literature course designed to enrich and stimulate interest and appreciation of modern short fiction from around the world. Textbook required.

Elkhorn

851-706A-3E1A	TTh	12:25P-02:55P	01/20-03/10
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851-701A Written Communication Skills-AHS 1.0 CR 3.00 CR

\$4.00 PREREQUISITES: NONE

An intermediate writing course intended to help students learn to express their creative abilities in writing. As a prerequisite, students should have completed English Fundamentals or demonstrate a good knowledge of English usage. Intermediate writing skills required. Textbook required.

Racine

851-701A-3R1A	MW	12:25P-02:55P	01/19-05/09
851-701A-3R1B	TTh	12:25P-02:55P	01/20-05/10
851-701A-3R1C	MWTh	03:40P-06:10P	03/07-05/09
851-701A-3R1D	MW	05:50P-08:20P	01/19-05/09
851-701A-3R1E	TTh	03:40P-06:10P	01/20-05/10

History

853-700A American History I-AHS .5 CR 2.00 CR

\$4.00 PREREQUISITES: NONE

A course of study dealing with the historical, political, economic, and sociocultural aspects of the United States. It will cover the times pre-Columbian to 1812. This course will address some of the above themes as a focal point of learning. Students will practice using thinking, problem solving, and reasoning to analyze meanings of the past in their own lives.

Racine

853-700A-3R1A	MW	12:30P-03:00P	01/19-03/07
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Elkhorn

853-700A-3E1A	TTh	03:40P-06:40P	03/29-05/10
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853-701A American History II-AHS .5 CR 1.50 CR

\$4.00 PREREQUISITES: NONE

A course of study dealing with the historical, political, economic, and sociocultural aspects of the United States. It will cover the time from 1814 to 1865. This course will address some of the above using themes as a focal point for learning. Students will practice using thinking, problem solving and reasoning to analyze meanings of the past in their own lives.

Racine

853-701A-3R1A	MW	12:30P-03:00P	03/21-05/09
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853-706A American History III - AHS .5CR 1.50 CR

\$4.00 PREREQUISITES: NONE

A course of study dealing with the historical, political, economic, and sociocultural aspects of the United States. It will cover 1865 to 1917. This course will address some of the above, using themes as a focal point for learning. Students will practice using thinking, problem solving, and reasoning to analyze meanings of the past in their own lives.

Racine				
853-706A-3R1A	TTh	12:30P-03:00P	01/20-03/08	
Elkhorn				
853-706A-3E11	TTh	03:40P-06:40P	02/03-03/24	

853-707A American History IV - AHS .5CR 1.50 CR

\$4.00 PREREQUISITES: NONE
A course of study dealing with the historical, political, economic, and sociocultural aspects of the United States. It will cover 1918 to the present. This course will address some of the above using themes as a focal point for learning. Students will practice using thinking, problem solving and reasoning to analyze meanings of the past in their own lives.

Racine				
853-707A-3R11	W	04:45P-07:15P	01/19-05/04	
853-707A-3R1A	TTh	12:30P-03:00P	03/22-05/10	

Mathematics

854-700A Mathematics I-AHS .5 CR 2.00 CR

\$4.00 PREREQUISITES: NONE
A basic course which reviews fundamental operations with whole numbers, fractions, and decimals. Word problems are included. Textbook required.

Racine				
854-700A-3R1A	TTh	12:25P-02:55P	01/20-03/08	
854-700A-3R1B	MW	10:15A-12:45P	01/19-03/07	
854-700A-3R1C	MW	01:30P-03:00P	03/21-05/09	

854-701A Mathematics II-AHS .5 CR 2.00 CR

\$4.00 PREREQUISITES: NONE
A course which includes the study of ratio and proportion, percent, measurement, geometry and an introduction to algebra. Word problems are included.

Racine				
854-701A-3R1A	TTh	10:15A-12:45P	03/22-05/10	
854-701A-3R1B	MW	10:15A-12:45P	03/21-05/09	
854-701A-3R1C	TTh	03:40P-06:10P	03/22-05/10	

Science

856-704A Biology/Animal I-AHS .5 CR 2.00 CR

\$6.50 PREREQUISITES: NONE
An introduction to biology, including ecology, physiological adaptation, animal growth and development. Textbook required.

Racine				
856-704A-3R11	Th	06:55P-09:25P	01/20-05/05	
856-704A-3R1A	MW	10:15A-12:45P	03/21-05/09	
856-704A-3R1B	TTh	01:30P-04:00P	03/22-05/10	

Elkhorn				
856-704A-3E1A	MW	03:40P-06:40P	03/28-05/09	

856-703A Biology/Plant I-AHS .5 CR 2.00 CR

\$6.50 PREREQUISITES: NONE
An introduction to biology, including ecology, physiological adaptation, plant growth and development. Textbook required.

Racine				
856-703A-3R12	MW	03:40P-06:10P	01/19-03/07	
856-703A-3R1B	TTh	01:30P-04:00P	01/20-03/08	

856-700A Environmental Science I-AHS .5 CR 2.00 CR

\$6.50 PREREQUISITES: NONE
An exploration of the relationship between humans and their environment from both scientific and social viewpoints. The course includes the following topics: ecological principles and concepts, population and carrying capacity, environment and the urban complex, natural resources, technology and automation, environmental contamination. The course is the first term of a two-term course. Textbook required.

Racine				
856-700A-3R1A	MW	12:25P-02:55P	01/19-03/07	
856-700A-3R1D	MW	09:10A-11:40A	03/21-05/09	

856-701A Environmental Science II-AHS .5 CR 2.00 CR

\$6.50 PREREQUISITES: NONE
An exploration of the relationship between humans and their environment from both scientific and social viewpoints. The course includes the following topics: ecological principles and concepts, population and carrying capacity, environment and the urban complex, natural resources, technology and automation, environmental contamination. This course is the second term of a two-term course. Textbook required.

Racine				
856-701A-3R1A	MW	12:25P-02:55P	03/21-05/09	
856-701A-3R1B	TTh	12:25P-02:55P	01/20-03/08	
856-701A-3R1C	TTh	03:40P-06:10P	03/22-05/10	

Elkhorn				
856-701A-3E11	MW	03:40P-06:40P	02/07-03/23	

Social Science

859-700A American Government-AHS 1.0 CR 3.00 CR

\$4.00 PREREQUISITES: NONE
A course which provides a knowledge of the nature, structure, purpose, goals, and functions of American government at the local, state and national levels. Textbook required.

Racine				
859-700A-3R1A	MWF	08:05A-09:35A	01/19-05/09	

859-707B Civic Literacy - HSED 1.00 CR

\$4.00 PREREQUISITES: NONE
OTHER REQUISITES: HSED Enrollment
On completion of this course, the learner will acquire knowledge and understanding of the many facets of government at the local, state, and federal levels, and develop a foundation of skills attitude and knowledge with which to effectively assume the roles and responsibilities of citizen ship over the learner's lifetime.

Elkhorn				
859-707B-3E1A	F	08:00A-10:00A	01/21-05/06	

859-711A Contemporary American Problems I-AHS .5 Cr 2.00 CR

\$4.00 PREREQUISITES: NONE
America has evolved from an expansion colony to the most powerful nation in the world. Along the way there have been multitudes of issues that it has had to address. Students will study the causes that have contributed to several of these contemporary issues and analyze a number of possible solutions to these concerns. Understanding the perspective of others will be emphasized as these issues are explored. The issues examined in Part I will be independent of those which will be investigated in Part II, however each issue will be explored chronologically in either section.

Racine				
859-711A-3R1A	TTh	11:20A-01:50P	01/20-03/08	

859-712A Contemporary American Problems II-AHS .5 Cr 2.00 CR

\$4.00 PREREQUISITES: NONE

America has evolved from an expansion colony to the most powerful nation in the world. Along the way there have been multitudes of issues that it has had to address. Students will study the causes that have contributed to several of these contemporary issues and analyze a number of possible solutions to these concerns. Understanding the perspective of others will be emphasized as these issues are explored. The issues examined in Part I will be independent of those which will be investigated in Part II, however each issue will be explored chronologically in either section.

Racine

859-712A-3R11 T 04:45P-07:15P 01/25-05/10

859-712A-3R1A TTh 11:20A-01:50P 03/22-05/10

859-708A Psychology-AHS 1.0 CR 3.00 CR

\$4.00 PREREQUISITES: NONE

A study of the basic concepts, methods and applications of psychology in the daily life of the individual. The student receives a broad introduction to the field of psychology as the science of human behavior. Textbook required.

Racine

859-708A-3R1A TTh 08:05A-10:35A 01/20-05/10

859-708A-3R1B MW 02:35P-05:05P 01/19-05/09

859-709A Sociology-AHS 1.0 CR 3.00 CR

\$4.00 PREREQUISITES: NONE

A course designed to provide students with a greater understanding of social and psychological forces at work in human behavior and human relations. Textbooks required.

Racine

859-709A-3R11 MW 05:50P-08:20P 01/19-05/09

859-703A World Cultures-AHS 1.0 CR 3.00 CR

\$4.00 PREREQUISITES: NONE

A course which deals with human development, the struggles, failures and achievements. It will be presented basically as a social history, tracing the rise, decline, and accomplishments of the major cultures. Textbook required.

Racine

859-703A-3R1A MWF 08:05A-09:35A 01/19-05/09

859-703A-3R1B MW 12:25P-02:55P 01/19-05/09

859-702A World Geography-AHS 1.0 CR 3.00 CR

\$4.00 PREREQUISITES: NONE

An examination of the physical and cultural characteristics of the world in which we live, including environment, customs, religions, climate, and resources. Textbook required.

Elkhorn

859-702A-3E1A MWF 10:15A-12:45P 02/28-05/09



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Air Conditioning, Heating & Refrigeration Technology

601-413 Torque Applications

\$73.35 PREREQUISITES: NONE

This course introduces the student to Torque Technology. The student will be introduced to torque equipment, torque theory, tool safety and basic bolting practices. The student will utilize Mechanical, Electronic and Hydraulic torque tools and equipment in lab environment to achieve proficiency in torque techniques and tool application. Upon successful completion of practical and written examination the student will receive Snap On and Hytorc Tool Certification.

Kenosha

601-413-3K11	M	05:50P-09:10P	01/24-02/28
601-413-3K1A	W	09:10A-12:30P	01/19-02/23

Driver Education

812-436 Traffic Safety Point Reduction Theory

\$65.70 Instructor consent required
PREREQUISITES: NONE

This course encourages students to examine their driving habits and practices that are detrimental to their safety and well-being. Students discuss legal issues and how attitudes affect the safe operation of a motor vehicle. Defensive driving techniques and crash avoidance strategies are also discussed. Students who satisfactorily complete the course will be entitled to a three-point reduction on their driving record. Finally, each student develops a personal change plan of action to avert future traffic violations.

Kenosha

812-436-3K11	TTh	05:50P-08:50P	02/15-03/03
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No class March 1

812-436-3K12	TTh	05:50P-08:50P	04/26-05/10
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Racine

812-436-3R11	MW	05:50P-08:50P	01/19-02/02
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812-436-3R12	M	05:50P-08:50P	03/21-04/18
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Elkhorn

812-436-3E11	Th	07:00P-10:00P	01/20-02/17
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812-436-3E12	TTh	07:00A-10:00P	04/26-05/10
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Early Childhood Education

307-400 Fundamentals of Family Child Care

\$46.40 PREREQUISITES: NONE
COREQUISITES: 307-401 The Child Care, Introduction to

Students learn how to establish and maintain a licensed (up to eight children) family child care program by implementing developmentally appropriate practices and sound business management strategies. This course meets DHSS licensing standards.

Kenosha

307-400-3K11	AC	T	06:30P-09:25P	03/22-04/26
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Racine

307-400-3R11	AC	Th	06:30P-09:25P	03/24-04/28
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307-420 Fundamentals of Infant/Toddler Care-15 Hours

\$46.40 PREREQUISITES: NONE

Students learn developmentally appropriate caregiving strategies based on principles of infant/toddler growth and development, with a focus on licensing regulations. This course meets DHSS certification requirements for infant/toddler teachers.

Kenosha

307-420-3K11	AC	M	06:30P-09:30P	03/21-04/18
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Racine

307-420-3R11	AC	W	06:30P-09:25P	03/23-04/20
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307-404 Skills and Strategies for Child Care Teachers

\$115.30 PREREQUISITES: 307-401 The Child Care, Introduction to or 307-123 Early Childhood I

Students learn to plan developmentally appropriate schedules, learning activities, effective environments, and positive guidance strategies, with a focus on professionalism. This course meets DHSS certification requirements for teachers.

Kenosha

307-404-3K11	AC	TTh	06:30P-09:25P	03/22-05/05
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Racine

307-404-3R11	AC	TTh	06:30P-09:25P	03/22-05/05
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307-401 The Child Care, Introduction to Profession

\$115.30 PREREQUISITES: NONE

Students learn licensing regulations, principles of growth and development, program design and environments, interactions with children, and relationships among staff. This course meets DHSS certification requirements for assistant teachers.

Kenosha

307-401-3K11	AC	TTh	06:30P-09:25P	01/25-03/15
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Racine

307-401-3R11	AC	TTh	06:30P-09:25P	01/25-03/15
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Emergency Medical Service

531-498 Advanced Cardiac Life Support Instr

\$25.20 PREREQUISITES: NONE

This American Heart Association ACLS Instructor Course is designed for experienced and currently certified ACLS providers who have earned "instructor potential status" during their last ACLS initial / recert course. This course will introduce teaching techniques, required objectives and renewal requirements of the American Heart Association for this advanced life support level course.

Burlington

531-498-3B11		MW	05:00P-08:55P	01/10-01/12
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Fire Technology

503-847 Certified Fire Inspector Parts 1 & 2

\$163.00 PREREQUISITES: NONE

This a WI State Certification class. It deals with meeting the NFPA 1031 Standard for Professional Qualifications for Fire Inspector. Subjects dealt with include: fire prevention principles, roles and responsibilities of the fire inspector, procedures, liabilities, fundamentals of building construction, fire protection systems, industrial/commercial processes, hazardous materials markings, NFPA standards, Comm 10-14, the State Building and Fire Codes, and written/oral communications.

Racine

503-847-3R21	ST	W	06:00P-09:55P	01/19-05/04
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503-478 Entry Level Driver/Operator Part 1

\$48.90 PREREQUISITES: NONE

This course meets the Department of Commerce standard for new fire equipment drivers. Part 1 deals with the driving aspects of apparatus. Included are: maintenance, department rules, state rules of emergency driving, hands-on practice driving.

Off Campus

503-478-3Z11	W	06:30P-09:25P	02/16-03/16
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Location: Walworth Fire Department.

503-479 Entry Level Driver/Operator Part 2

\$48.90 PREREQUISITES: NONE

This course meets the Department of Commerce Standard for new fire equipment operators. Part 2 deals with the pumping and hydraulics operations associated with fire department apparatus. Included are: hydraulics rules, pump operations, pump panel components, nozzles and water flow, hands-on pumping, scenarios.

Off Campus

503-479-3Z11	W	06:30P-09:25P	03/23-04/20
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Location: Walworth Fire Department.

503-495 Fire Officer I - Certification

\$163.00 PREREQUISITES: 503-469 Firefighter II

This is a state of Wisconsin Fire Certification class. The class emphasizes the company officer and his/her functions as an administrator, counselor, training officer, and tactician. This course is open to any firefighter. To be certified, the firefighter must be Wisconsin Certified FFII.

Burlington

503-495-3B11	W	06:00P-09:55P	01/20-05/05
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Students must have a CURRENT Firefighter II certification and have successfully completed the Fire Instructor I course to be eligible to participate in the Fire Officer I certification exam. Contact the bookstore to purchase REQUIRED textbook.

503-422 Fire Service Instructor I

\$110.00 PREREQUISITES: NONE

A course for fire service instructors to assist in improving knowledge and skills necessary to perform instructor's role. Learning theory, lesson preparation, classroom teaching are part of this course.

Burlington

503-422-3B11	Th	06:00P-09:55P	01/20-03/31
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Students must have a CURRENT Firefighter II certification to be eligible for Fire Instructor I state certification. Contact the bookstore to purchase REQUIRED textbook.

503-804 Firefighter I Certification

\$293.40 PREREQUISITES: NONE

This course is a combination of existing courses 503-413, 503-453, and 503-468. There will be no new material added or removed from this course. The intent of this course is also the same: that students that complete the course will meet the requirements for Wisconsin Firefighter I certification.

Burlington

503-804-3B11	M	07:00P-09:55P	01/24-05/09
	W	06:00P-09:55P	01/24-05/09

See below for additional course information.*

503-804-3B12	T	07:00P-09:55P	01/25-05/10
	Th	06:00P-09:55P	01/25-05/10

See below for additional course information.*

*This class will also meet two Saturdays - actual dates to be determined. Students

must have successfully completed 24 hours of hazardous materials operations (503-418) in order to be eligible to participate in the Firefighter I certification exam. Contact the bookstore to purchase REQUIRED textbooks. This is a non-credit ACE course. It does not transfer into the Fire Protection Technician Associate Degree Program. Students must provide their own turnout gear and breathing apparatus.

503-469 Firefighter II

\$128.36 PREREQUISITES: 503-418A Hazardous Material Operations A and 503-418B Hazardous Material Operations B and 503-804 Firefighter I Certification

Certification Course.

Burlington

503-469-3B11	M	07:00P-09:55P	01/24-05/09
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Students must have successfully completed 24 hours of hazardous materials operations (503-418) in order to be eligible to participate in the Firefighter II certification exam. Contact the bookstore to purchase REQUIRED textbooks

Group Dynamics/ Traffic Safety

818-401 Group Dynamics

\$202.20 Instructor consent required
PREREQUISITES: NONE

The Group Dynamics course is certified by the Wisconsin Department of Transportation for individuals who have received one Operating While Intoxicated (OWI) conviction and have been assessed as an Irresponsible Drinker. The course deals with OWI laws, effects of alcohol/drugs, and different types of drinking behaviors. Students will examine their own drinking/driving behaviors and develop a personal change plan to help them avoid further OWI related behavior. Students need to have a current assessment before registering and must bring a copy of the assessment papers with them when registering.

Kenosha

818-401-3K11	W	05:50P-09:20P	01/19-02/23
818-401-3K12	T	05:50P-09:20P	01/25-03/08

No class March 1

818-401-3K13	W	05:50P-09:20P	03/02-04/13
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No class March 16

818-401-3K14	T	05:50P-09:20P	03/22-04/26
818-401-3K15	Th	05:50P-09:20P	03/31-05/05
818-401-3K1A	M	08:05A-01:05P	02/07-02/28
818-401-3K1B	M	08:05A-01:05P	04/11-05/09

No class April 25

818-401-3K9A	S	08:00A-01:00P	01/22-02/12
818-401-3K9B	S	08:00A-01:00P	02/19-03/12
818-401-3K9C	S	08:00A-01:00P	03/26-04/16

Racine

818-401-3R11	TTh	05:50P-08:50P	01/25-02/15
818-401-3R12	MW	05:50P-08:50P	02/07-02/28
818-401-3R13	MW	05:50P-08:50P	03/07-04/04

No class March 14 & 16

818-401-3R14	MW	05:50P-08:50P	04/11-05/04
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No class April 25 & 27

818-401-3R1A	M	08:05A-01:05P	03/21-04/11
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No class March 14

818-401-3R9A	S	08:00A-01:00P	02/19-03/12
818-401-3R9B	S	08:00A-01:00P	03/26-04/16

Elkhorn

818-401-3E11	W	05:50P-08:50P	01/19-03/02
818-401-3E12	M	07:00P-10:00P	01/24-03/07
818-401-3E13	W	05:50P-08:50P	03/09-05/04
818-401-3E14	M	07:00P-10:00P	03/21-05/09

No class April 25

818-401-3E9A	S	08:00A-01:00P	01/29-02/19
818-401-3E9B	S	08:00A-01:00P	03/26-04/16

Burlington

818-401-3B1A	W	09:10A-12:10P	01/19-03/02
818-401-3B1B	W	09:10A-12:10P	03/09-05/04

No class March 16

818-401-3B9A	TBA	08:00A-01:00P	01/22-02/12
818-401-3B9B	S	08:00A-01:00P	02/19-03/12
818-401-3B9C	S	08:00A-01:00P	04/02-04/30

No class April 23, 2011

Off Campus

818-401-3Z11	W	06:00P-09:30P	02/02-03/09
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818-401-3Z12	W	06:00P-09:30P	04/13-05/18
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818-401A Group Dynamics for Spanish Speaking

\$202.20 Instructor consent required
PREREQUISITES: NONE

This class is taught in Spanish. The Group Dynamics course is certified by the Wisconsin Department of Transportation for individuals who have received one Operating While Intoxicated (OWI) conviction and have been assessed as an Irresponsible Drinker. The course deals with OWI laws, effects of alcohol/drugs, and different types of drinking behaviors. Students will examine their own drinking/driving behaviors and develop a personal change plan to help them avoid further OWI related behavior. Students need to have a current assessment before registering and must bring a copy of the assessment papers with them when registering.

Kenosha			
818-401A-3K99	S	08:00A-01:00P	03/26-04/16

Spanish spoken

818-402 Juvenile AODA Education Theory

\$47.45 Instructor consent required
PREREQUISITES: NONE

Provide an educational setting for participants to explore their relationships to alcohol and other drugs. Participants will have an opportunity to develop a personal change plan that promotes an alcohol and other drug-free lifestyle.

Racine			
818-402-3R11	Th	05:50P-08:20P	01/20-02/17
818-402-3R12	T	04:30P-06:55P	04/12-05/17

No class April 26

Elkhorn			
818-402-3E11	W	05:50P-08:20P	03/30-04/27

Burlington

818-402-3B11	W	05:50P-08:20P	01/26-02/23
818-402-3B9A	S	09:00A-12:10P	04/30-05/21

818-403 Multiple Offender Program Theory

\$288.40 Instructor consent required
PREREQUISITES: NONE

The MOP Traffic Safety School program is a highly intensive series of sessions using principles of effective group process and individual evaluation techniques necessary to accomplish stated objectives. Participants are individuals convicted of more than one operating while impaired offense or other alcohol and other drug abuse traffic safety-related offense. Ref. D.O.T. 106.3(5)(Q).

Kenosha			
818-403-3K11	MW	05:50P-08:50P	04/04-05/09

No class April 25

Racine			
818-403-3R11	TTh	05:50P-08:50P	02/22-04/05

No class March 1, 15, 17

818-403-3R9A	S	08:00A-01:00P	03/26-05/07
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No class April 23

Elkhorn			
818-403-3E11	TTh	06:55P-09:55P	02/01-03/08

No class March 1

818-403-3E12	TTh	06:55P-09:55P	04/05-05/05
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Burlington			
818-403-3B11	Th	07:00P-10:00P	02/24-05/05

No class March 17

Internal Training

997-483 Career Search Workshop

\$0.00 PREREQUISITES: NONE

A six hour workshop (two or three sessions) designed to assist adults in life and career decisions. Participants will be encouraged to explore career alternatives by identifying their interests, values, marketable skills and past experiences, using them to shape the future of their lives. Students must register for this course prior to the first class meeting. Students must attend all dates & times indicated for the section.

Kenosha			
997-483-3KD1	Th	03:30P-06:30P	04/07-04/14
997-483-3KDA	F	09:00A-12:00P	02/04-02/11
997-483-3KDB	WTh	01:30P-04:30P	03/02-03/03

Racine			
997-483-3RD1	T	04:00P-07:00P	05/03-05/10
997-483-3RDA	W	09:00A-12:00P	02/16-02/23
997-483-3RDB	Th	01:00P-04:00P	03/08-03/10

Elkhorn			
997-483-3ED1	M	03:40P-06:40P	02/28-03/07
997-483-3EDA	W	12:25P-03:25P	02/02-02/09

Burlington			
997-483-3BDA	Th	09:10A-12:10P	04/07-04/14

Medical Assistant

509-433 Medical Assisting Re-Entry Assessment

\$25.20 PREREQUISITES: NONE

This is a mini course for students who have had a lapse between first and second semester medical assisting course. This class will enable the student to demonstrate previously learned skills in order to proceed to second semester.

Racine			
509-433-3R1A	TBA	TBA-TBA	01/19-05/10
509-433-3R1B	TBA	TBA-TBA	01/19-05/10

Motorcycle/Moped Driver Ed

816-420C Basic Motorcycle Rider - 16 Hr

\$220.02 PREREQUISITES: NONE

This motorcycle rider course is designed for beginning riders. The course was developed by the Motorcycle Safety Foundation and approved by the Wisconsin Department of Transportation. It consists of six hours of classroom and ten hours of on-cycle instruction, including the following introduction to motorcycling: Motorcycle controls, riding the motorcycle, basic motorcycle maneuvers, basic street riding, increasing riding skills, and maintenance and insurance. Helmets and lightweight motorcycles for class will be provided.

Kenosha

816-420C-3K11	T	05:00P-08:00P	05/10-05/17
	W	05:00P-08:30P	05/11-05/25
816-420C-3K12	T	05:00P-08:00P	05/10-05/17
	Th	05:00P-08:30P	05/12-05/26
816-420C-3K1A	M	08:00A-11:00A	04/11-04/11
	M	12:00P-05:00P	04/11-04/11
	T	02:00P-05:00P	04/12-04/12
	W	08:00A-01:00P	04/13-04/13
816-420C-3K1B	M	08:00A-11:00A	04/11-04/11
	T	08:00A-01:00P	04/12-04/12
	T	02:00P-05:00P	04/12-04/12
	Th	08:00A-01:00P	04/14-04/14
816-420C-3K1C	M	08:00A-11:00A	04/18-04/18
	M	08:00A-01:00P	04/18-04/18
	T	02:00P-05:00P	04/19-04/19
	W	08:00A-01:00P	04/20-04/20
816-420C-3K1D	M	08:00A-11:00A	04/18-04/18
	T	08:00A-01:00P	04/19-04/19
	T	02:00P-05:00P	04/19-04/19
	Th	08:00A-01:00P	04/21-04/21
816-420C-3K9A	F	06:00P-09:00P	04/08-04/08
	S	07:00A-11:00A	04/09-04/09
	S	12:00P-03:00P	04/09-04/09
	Su	07:30A-12:30P	04/10-04/10
	Su	01:00P-02:00P	04/10-04/10
816-420C-3K9B	F	06:00P-09:00P	04/08-04/08
	S	07:00A-11:00A	04/09-04/09
	S	12:00P-03:00P	04/09-04/09
	Su	07:30A-12:30P	04/10-04/10
	Su	01:00P-02:00P	04/10-04/10
816-420C-3K9C	F	06:00P-09:00P	04/15-04/15
	S	07:00A-11:00A	04/16-04/16
	S	12:00P-03:00P	04/16-04/16
	Su	07:30A-12:30P	04/17-04/17
	Su	01:00P-02:00P	04/17-04/17
816-420C-3K9D	F	06:00P-09:00P	04/15-04/15
	S	07:00A-11:00A	04/16-04/16
	S	12:00P-03:00P	04/16-04/16
	Su	07:30A-12:30P	04/17-04/17
	Su	01:00P-02:00P	04/17-04/17

816-420C-3K9E	F	06:00P-09:00P	04/29-04/29
	S	07:00A-11:00A	04/30-04/30
	S	12:00P-03:00P	04/30-04/30
	Su	07:30A-12:30P	05/01-05/01
	Su	01:00P-02:00P	05/01-05/01
816-420C-3K9F	F	06:00P-09:00P	04/29-04/29
	S	07:00A-11:00A	04/30-04/30
	S	12:00P-03:00P	04/30-04/30
	Su	07:30A-12:30P	05/01-05/01
	Su	01:00P-02:00P	05/01-05/01
816-420C-3K9G	S	08:00A-11:00A	05/07-05/14
	S	12:00P-05:00P	05/07-05/14
816-420C-3K9H	S	08:00A-11:00A	05/07-05/14
	Su	07:30A-12:30P	05/08-05/15
816-420C-3K9I	S	12:00P-03:00P	05/07-05/14
	Su	07:30A-12:30P	05/08-05/15
816-420C-3K9J	S	12:00P-03:00P	05/07-05/14
	Su	01:00P-06:00P	05/08-05/15

Nursing and Nursing Related

510-407 Blood Pressure Measurement Techniques

\$30.56 PREREQUISITES: NONE

The student will learn techniques of blood pressure measurement endorsed by the American Heart Association as well as prevention and referral concepts. Participants will be eligible for AHA certification as a screener technician.

Kenosha

510-407-3K1A	F	07:30A-12:30P	05/06-05/06
	F	07:30A-12:30P	05/13-05/13

Racine

510-407-3R1A	F	07:30A-12:30P	01/21-01/21
	F	07:30A-12:30P	01/28-01/28

510-802 NCLEX PN Review

\$57.00 PREREQUISITES: NONE

The purpose of this course is to provide a resource to the student who graduated from a PN program in order to optimize their chances of passing the NCLEX examination. This will be accomplished by addressing students learning needs, identifying probable NCLEX test question, providing test taking strategies and reviewing related pathophysiology, physiology and pharmacology.

Kenosha

510-802-3K1A	TWThF	09:00A-02:00P	01/11-01/14
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510-801 NCLEX RN Review

\$57.00 PREREQUISITES: NONE

Purpose: The purpose of this course is to provide a resource to the student who graduated from a RN program in order to optimizing their chances of passing the NCLEX examination. This will be accomplished by addressing students learning needs, identifying probable NCLEX test question, providing test taking strategies and reviewing related pathophysiology, physiology, and pharmacology.

Kenosha

510-801-3K1A	TWThF	09:00A-02:00P	01/11-01/14
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510-804 Nursing: Assessment Skills Review

\$30.56 PREREQUISITES: NONE

This course is designed for students needing to review assessment skills. This may be used for remediation, practice or testing. Review of skills, practice of skills, and case study are provided. Students will demonstrate competence by completing a physical assessment using simulation technology (METI) and completing a randomly chosen skill.

Kenosha

510-804-3K1A TBA TBA-TBA 01/19-05/10

Please check on blackboard for further information regarding the expectations for this class.

510-805 TEAS TEST

\$20.00 PREREQUISITES: 806-177 General Anatomy and Physiology

The Test of Essential Academic Skills (TEAS) measures basic essential skills in the academic content area domains of Reading, Mathematics, Science, and English and Language Usage. Passing the TEAS test is required in order to submit a petition to enter the Nursing Program Technical Studies (543-XXX) courses. A score of at least fifty percent (50%) on each component (Reading, Math, Science and English) of the TEAS is considered a passing score.

Kenosha

510-805-3K11	M	05:00P-09:00P	01/03-01/03
510-805-3K12	M	05:00P-09:00P	03/07-03/07
510-805-3K13	M	05:00P-09:00P	04/04-04/04
510-805-3K14	M	05:00P-09:00P	05/02-05/02
510-805-3K1A	M	08:00A-12:00P	01/03-01/03
510-805-3K1B	M	01:00P-05:00P	01/03-01/03
510-805-3K1C	T	08:00A-12:00P	01/04-01/04
510-805-3K1D	T	01:00P-05:00P	01/04-01/04
510-805-3K1E	W	08:00A-12:00P	01/05-01/05
510-805-3K1F	W	01:00P-05:00P	01/05-01/05
510-805-3K1G	Th	08:00A-12:00P	01/06-01/06
510-805-3K1H	Th	01:00P-05:00P	01/06-01/06
510-805-3K1I	M	08:00A-12:00P	03/07-03/07
510-805-3K1J	M	01:00P-05:00P	03/07-03/07
510-805-3K1K	T	08:00A-12:00P	03/08-03/08
510-805-3K1L	T	01:00P-05:00P	03/08-03/08
510-805-3K1M	W	08:00A-12:00P	03/09-03/09
510-805-3K1N	W	01:00P-05:00P	03/09-03/09
510-805-3K1O	Th	08:00A-12:00P	03/10-03/10
510-805-3K1P	Th	01:00P-05:00P	03/10-03/10
510-805-3K1Q	M	08:00A-12:00P	04/04-04/04
510-805-3K1R	M	01:00P-05:00P	04/04-04/04
510-805-3K1S	M	08:00A-12:00P	05/02-05/02
510-805-3K1T	M	01:00P-05:00P	05/02-05/02

Burlington

510-805-3B11	T	04:00P-08:00P	01/11-01/11
510-805-3B12	T	04:00P-08:00P	03/08-03/08
510-805-3B1A	M	08:00A-12:00P	01/10-01/10
510-805-3B1B	M	01:00P-05:00P	01/10-01/10
510-805-3B1C	T	08:00A-12:00P	01/11-01/11
510-805-3B1D	W	08:00A-12:00P	01/12-01/12
510-805-3B1E	W	01:00P-05:00P	01/12-01/12
510-805-3B1F	Th	08:00A-12:00P	01/13-01/13
510-805-3B1G	Th	01:00P-05:00P	01/13-01/13
510-805-3B1H	M	08:00A-12:00P	03/07-03/07
510-805-3B1I	M	01:00P-05:00P	03/07-03/07
510-805-3B1J	T	08:00A-12:00P	03/08-03/08
510-805-3B1K	W	08:00A-12:00P	03/09-03/09
510-805-3B1L	W	01:00P-05:00P	03/09-03/09

510-805-3B1M	Th	08:00A-12:00P	03/10-03/10
510-805-3B1N	Th	01:00P-05:00P	03/10-03/10

510-803 Test Taking Strategies for Nursing

\$14.60 PREREQUISITES: NONE

Nursing students will have the opportunity to success in nursing courses throughout the nursing program. Course content includes measures that will assist the student to prepare for theory classes, principles of note taking, effective use of clinical case studies, critical thinking skills and test taking strategies as applied to nursing care concepts in the clinical setting.

Kenosha

510-803-3K1A	Th	01:30P-05:30P	01/27-01/27
510-803-3K1B	T	01:30P-05:30P	02/01-02/01
510-803-3K1C	W	01:30P-05:30P	02/16-02/16
510-803-3K1D	Th	10:15A-02:15P	03/10-03/10

Responsible Beverage

311-400 Responsible Beverage Service

\$22.00 Instructor consent required

PREREQUISITES: NONE

The student will understand their legal responsibility in observance of laws which protect against the social, legal and financial liabilities of alcohol services. The operators will realize their ability to positively influence social behavior which relates to misuse of alcohol. Intervention strategies in service of alcohol to those underaged or visibly intoxicated are practiced.

Kenosha

311-400-3K1A F 08:05A-12:05P 02/25-02/25

Racine

311-400-3R12 T 05:50P-09:50P 05/10-05/10

Burlington

311-400-3B1A W 08:05A-12:05P 05/04-05/04

STAYCONNECTED

Keep up with what's
happening at Gateway!

Become a fan on Facebook
or follow our tweets on Twitter.

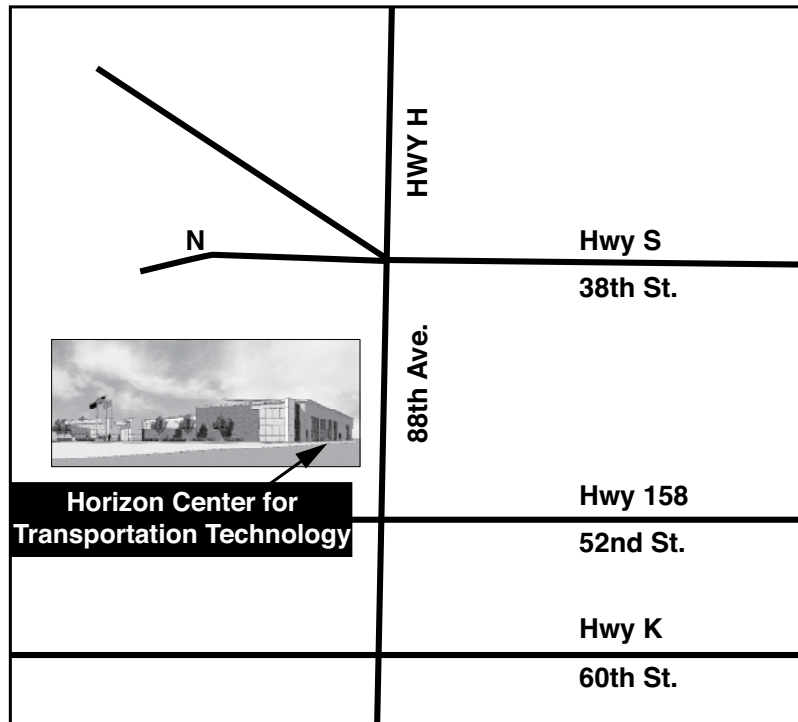
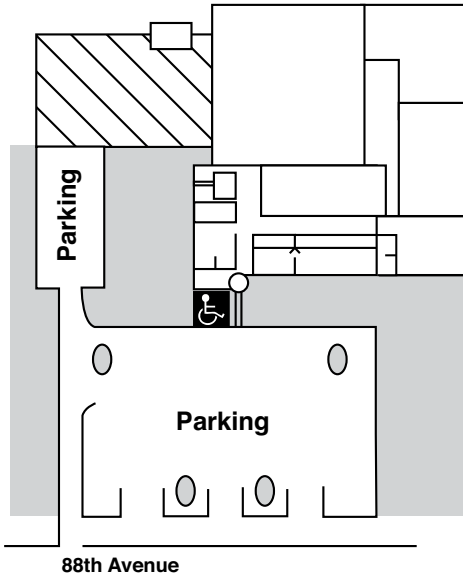
Gateway will be posting campus updates,
student activities announcements, and much more
for students via student e-mail, Facebook,
YouTube, and Twitter.





**Horizon Center for
Transportation Technology**

4940 - 88th Avenue
Kenosha, WI 53144-7467
262.564.3900 / 262.564.3901 FAX

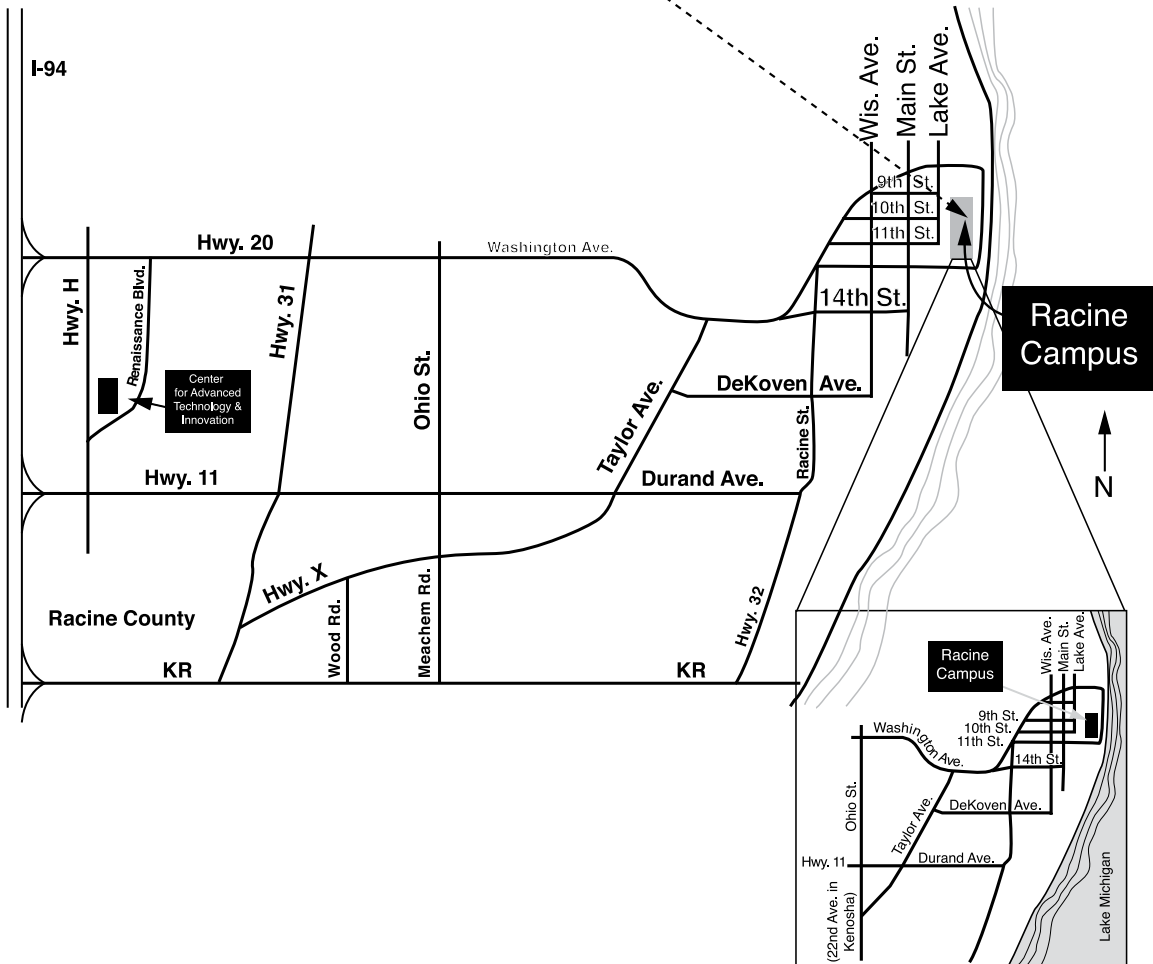
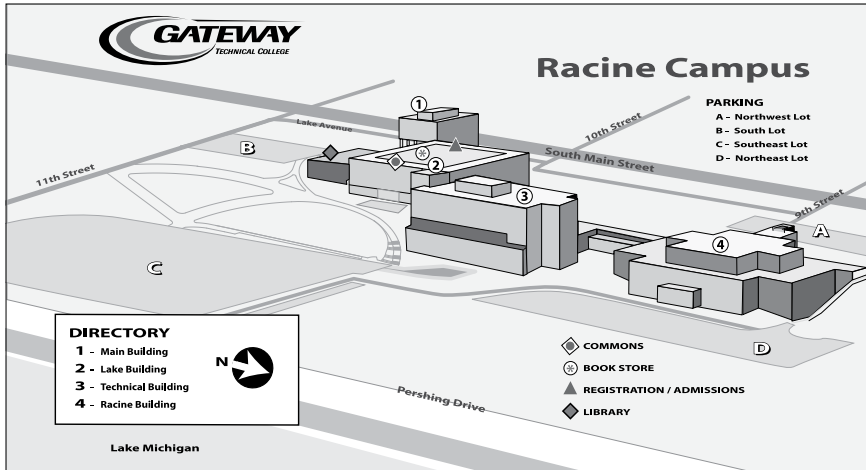


Racine Campus

1001 South Main Street
 Racine, WI 53403-1582
 262.619.6200
 262.619.6201 FAX



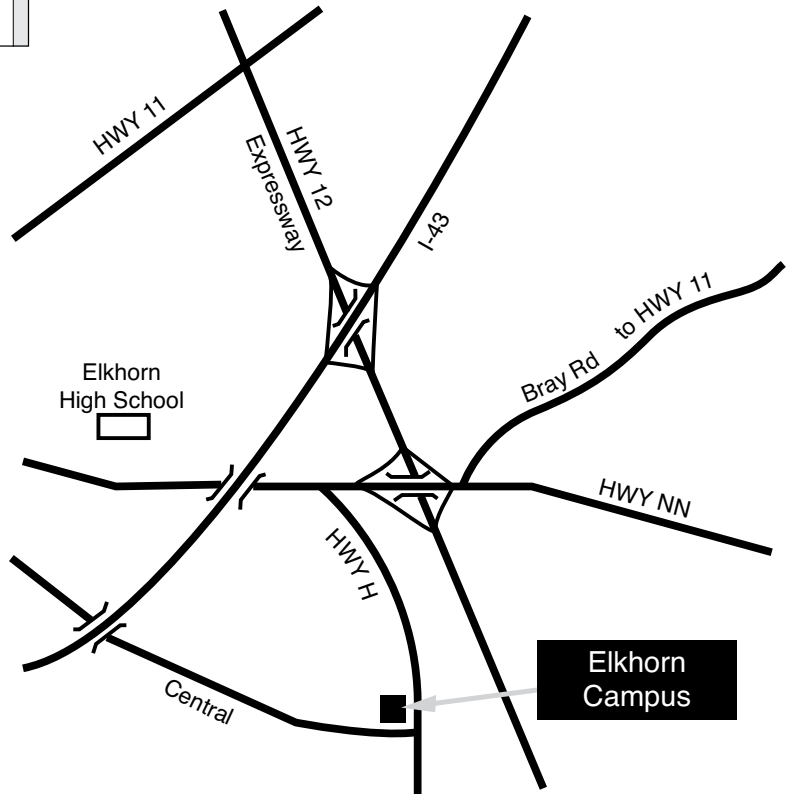
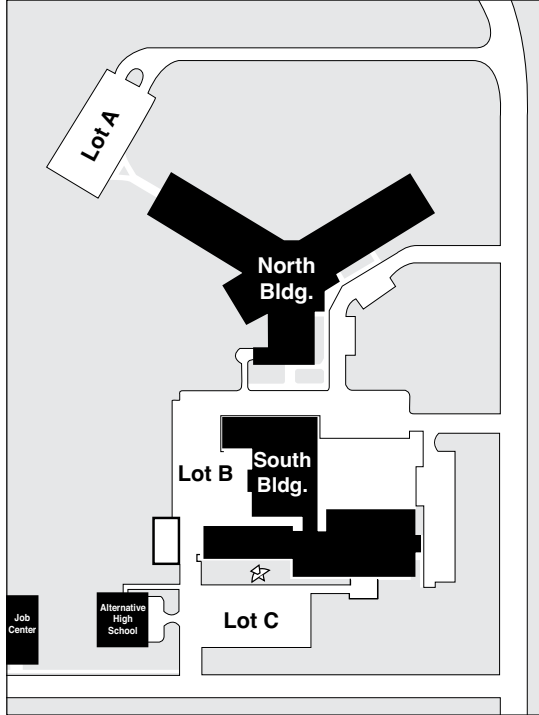
Center for Advanced
 Technology & Innovation (CATI)
 Renaissance Business Park
 2320 Renaissance Blvd.
 Sturtevant, WI 53177
 262.898.7500 / 262.898.7501 FAX





Elkhorn Campus

400 County Road H
Elkhorn, WI 53121-2046
262.741.8200
262.741.8201 FAX



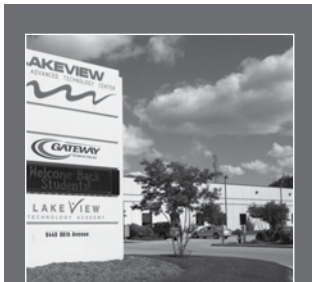
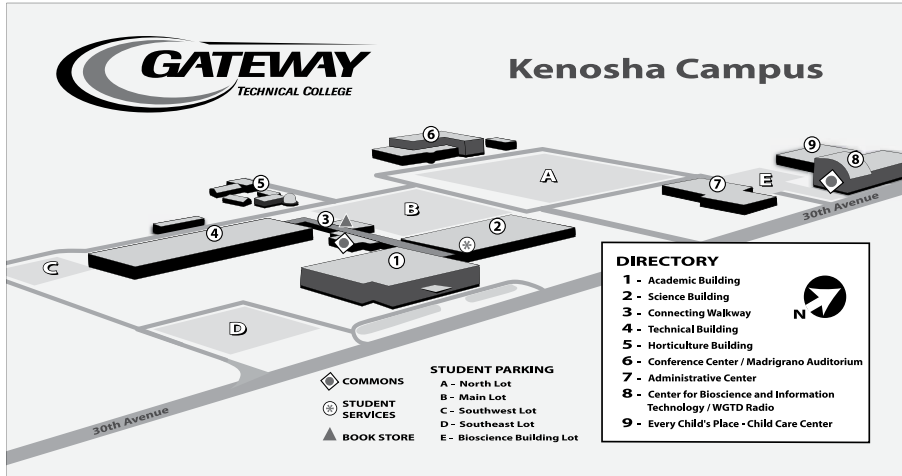
Kenosha Campus

3520-30th Avenue
 Kenosha, WI 53144
 262.564.2200
 262.564.2201 FAX



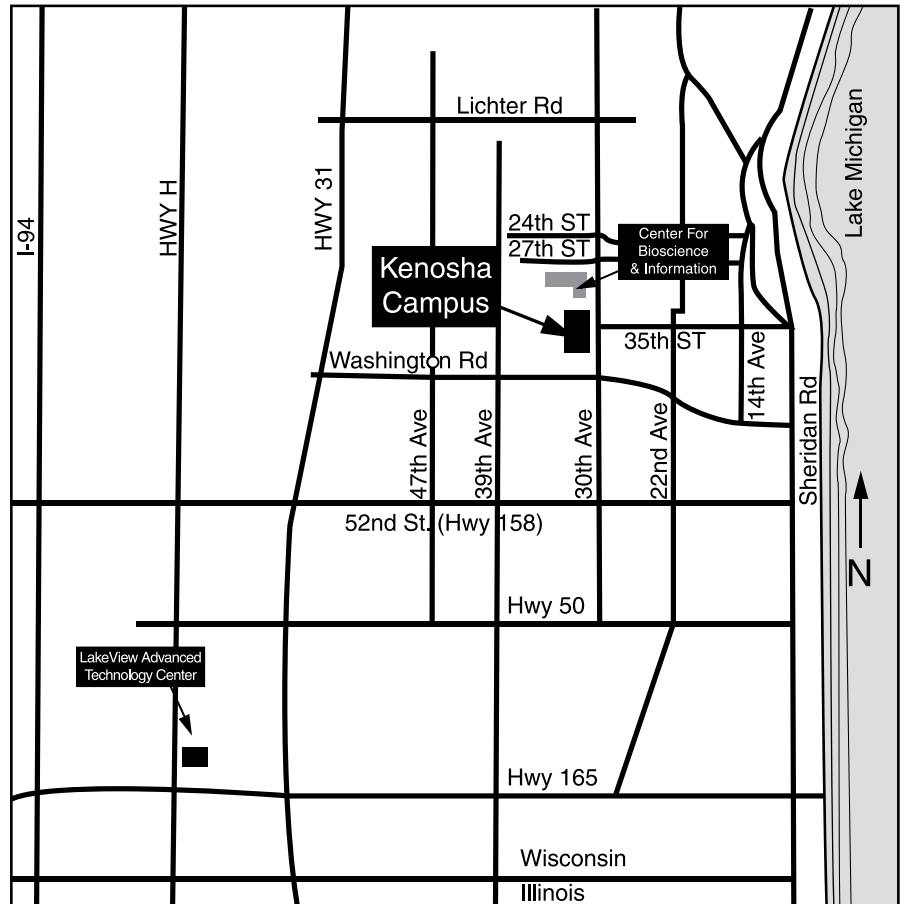
Center for Bioscience & Information Technology

3520 - 30th Avenue
 Kenosha, WI 53144-1690
 262.564.3600 / 262.564.3601 FAX



LakeView Advanced Technology Center

9449 - 88th Avenue
 (Hwy H)
 Pleasant Prairie, WI
 53158



Tutoring

Need tutoring? Do you want to brush up on study habits? Help is at hand! Academic Support Center might be just what you're looking for. If you'd like to know more about this free service, contact a counselor in Student Services. The Academic Support Center is open during the day as well as some evenings.

Elkhorn CampusMary Jane Pyszka, 262.741.8020
Kenosha CampusAnke Halbach, 262.564.2006
Racine CampusDiane Ingalsbe, 262.619.6216
Burlington CenterGerry Millette, 262.767.5090

Adult Basic Education

Gateway Technical College is committed to ensuring your success. We partner with you to make sure you can achieve your educational goals that will ultimately improve your chances in the workplace. The Adult Basic Education Learning Center is for those of you who have been away from school too long to remember the basic education skills that you need, as well as providing instruction for our English Language Learner population. The first week of each semester is devoted to orientation to determine level placements and collaboratively plan the goals of our students. We're also here to serve those who didn't graduate from high school and want an HSED or GED to move ahead with their lives.

Cost: There is no cost for the Adult Basic Education Learning Center services; however, a nominal fee is charged for administration of the GED/HSED tests. ABE students pursuing a GED/HSED must register in Student Services for a three-day orientation session.

Elkhorn Campus Adult Learning Center:

262.741.8184 • M-TH 8:05 am - 2:05 pm & 5:00 pm - 8:30 pm • Friday 8:05am - 12:05pm

Kenosha Campus Adult Learning Center:

262.564.2796 • M-TH 8:05 am – 2:25 pm & 5:00 pm – 8:30 pm • Friday 8:05 am – 12:05 pm

Racine Campus Adult Learning Center:

262.619.6218 • M-TH 8:05 am – 2:35 pm & 5:00 pm – 8:30 pm • Friday – 8:05 am – 12:05 pm

Burlington Center Adult Learning Center (Also Special Needs and Academic Support):

262.767.5090 • M-TH 8:05 am – 8:30 pm • Friday – 8:05 am – 12:05 pm

Multicultural Program

The Multicultural Program provides leadership that creates a respectfully inclusive environment and enriching learning experience that supports underrepresented minority students in pursuit of educational achievement and career success. The Multicultural Program also offers enriching cultural awareness programs and minority student leadership and development opportunities.

Early Alert: Learn how you are doing in your classes with an Early Alert!

Your instructors will be given the opportunity to provide you with written feedback on your class performance. This will help you to understand areas in which you need to improve and/or where you are doing well. Feedback may recommend that students utilize various academic support services including, the Academic Support Center, Learning Resource Center, faculty advisor, program counselor, career counselor, job placement counselor. Contact Janet Days, Coordinator; daysj@gtc.edu; 262.619.6754

Student Employment Services

Gateway Student Employment Services (S.E.S.) accepts job openings from employers and posts them on our Internet Database called TechConnect. <http://vorlon.gtc.edu>

The jobs posted are specifically for our current students and graduates.

Please Note: In order to register to utilize TechConnect please email saeso@gtc.edu for a login and password.

Registering on TechConnect also means jobs in your program area can be emailed to you. Please visit our S.E.S. home-page for other helpful information on topics including the hidden job market, cover letters, resumes, and interviewing tips (Go to www.gtc.edu, Employment Opportunities, Student Employment Services).

Resume Posting Service *(Student Employment Services continued)*

Gateway is now working in collaboration with our local Job Centers to offer the **Resume Matrix of Southeastern Wisconsin**. Any Gateway student or graduate can upload their resume to: www.resumematrix.com. It is **advised that your resume be reviewed** by a Student Employment Counselor before uploading to the Resume Matrix. Counselor appointments can be made by phone or in person at any Student Services Office. There is no charge for this service.

Career Planning Services

Gateway offers career planning services for those students or potential students who are undecided about a career choice. For dates and times of Career Planning Workshops or to see a career counselor, please call your local campus Student Services Office. No charge for these services.

Credit Transfer with Four-Year Colleges

Starting at Gateway Technical College makes completing a bachelor's degree affordable, accessible, and convenient. Gateway knows that you want choices and need flexibility.

Credit transfer makes it easy for Gateway associate degree graduates to complete a bachelor's degree. Gateway Technical College is connected with a number of postsecondary institutions within the state and externally allowing students to transition in a smooth and seamless manner.

The following colleges and universities have partnered with Gateway Technical College to offer credit transfer options:

Aurora University
Capella University
Cardinal Stritch University
Carroll College
Carthage College
Concordia University Wisconsin
De Vry University
Franklin University
George Williams College
Kaplan University
Lewis University
Marian University

Marquette University
Milwaukee School of Engineering
Mount Mary College
Ottawa University
Pennsylvania College of Technology
Silver Lake College
Southern Illinois University-Carbondale
St. Cloud State University
University of Wisconsin-Colleges
University of Wisconsin-Eau Claire
University of Wisconsin-Green Bay
University of Wisconsin-La Crosse

University of Wisconsin-Madison
University of Wisconsin-Milwaukee
University of Wisconsin-Oshkosh
University of Wisconsin-Parkside
University of Wisconsin-Platteville
University of Wisconsin-River Falls
University of Wisconsin-Stevens Point
University of Wisconsin-Stout
University of Wisconsin-Superior
University of Wisconsin-Whitewater
Upper Iowa University
Utah Valley State College

The graphic features a hand holding a pen, writing on a document. The background is a light gray with faint, overlapping text and symbols, including a large 'O' and 'P'. The main text is centered and reads: **ALERT Me**. Below this, it says: **Gateway's emergency notification service.** Receive messages to your cell phone and e-mail of serious emergencies affecting Gateway Campus operations. At the bottom, it states: **Even if you've signed up in the past, please re-enroll. Visit www.gtc.edu/alertme for more information and to register.**

Adding or Dropping A Class / Refund Policy

(See Student Handbook for complete details.)

Adding a Class:

A student may add a class through the third class hour of the course without instructor approval, provided the class capacity has not been reached. Accelerated and internet courses require instructor approval once the class has begun.

After the third class hour of the course has elapsed, the student must obtain a student petition form from Student Services. After getting the required signature, the student must officially add the class at the Student Services office. A student must officially add to receive credit for the class. The student is responsible for all missed course work, materials, and assignments.

Dropping a Class / Refund Policy:

Student initiated: The student must pick up and return a completed drop slip from Student Services. A drop can also be completed through WebAdvisor. Nonattendance or notifying the instructor that you will not be attending does NOT constitute a drop.

All refund rates are calculated on the date the drop transaction is completed by you in Student Services. Deadlines are strictly enforced. Refunds for classes which do not have meeting times set in the computer system (self-paced, Internet) are calculated based on the number of calendar days which have elapsed since the start of the class.

- A student wanting a third party to complete a drop of their behalf must provide written permission authorizing the drop with a photocopy of the student's photo I.D. The third party must also provide photo I.D. along with the authorization and drop form.
- Financial Aid recipients must be aware that dropping a class may affect his or her award and account balance with the college. Please contact Students Services for further information.

Instructor initiated drop: An administrative drop may be initiated by the instructor when a student who has registered for the class fails to attend or stops attending during the refund period without dropping. The student is not eligible to receive a refund.

Refund Schedule

Action	Timeline	Refer To	Effect
Drop	Before the first class meeting	Last refund drop date column on front of student's class schedule	100% refund
Drop	1-10% of class meetings elapsed	Last refund drop date column on front of student's class schedule	80% refund
Drop	11-20% of class meetings elapsed	Last refund drop date column on front of student's class schedule	60% refund
Withdrawal	21-80% of class meetings elapsed	Contact Student Services for withdrawal dates, instructions & information	No refund
Non-attendance	Definition: Student doesn't attend or discontinues attendance without completing and submitting drop or withdrawal paperwork. Will receive a failing grade		No refund

Federal Family Educational Rights and Privacy Act (FERPA)

Gateway Technical College complies with the provisions of FERPA. Prior written consent from you must be obtained before information may be disclosed by Gateway Technical College to third parties unless the information or the individual or group making the request is exempted by the policy and the Family Educational Rights and Privacy Act of 1974. Items that are deemed as directory information may be released.

For complete FERPA regulations and exemptions, go to: www.gtc.edu/ferpa

Gateway Technical College assumes no responsibility or liability for the accuracy of judgment as to whether or not a release of directory information is in the best interest of a student. Likewise, Gateway will assume no responsibility for contacting students who have elected to stipulate directory information as confidential for the subsequent permission to release any information. If you elect to have directory information held confidential, please complete a form which is available at any Student Services Office.

CAMPUSES

Elkhorn
Kenosha
Racine

ASSOCIATE DEGREES

TECHNICAL DIPLOMAS

ATCs

2010-2011 Associate Degree Programs at Gateway Technical College

(current as of date printed)

Most programs may be started on any campus.



Length of Program (full time)

■	Accounting (10-101-1)	2 Years
■	Administrative Professional (10-106-6)	2 Years
■	Aeronautics – Pilot Training (10-402-1)	2 Years
■	Air Conditioning, Heating, and Refrigeration Technology (10-601-1)	2 Years
■	Architectural – Structural Engineering Technician (10-614-6)	2 Years
■	Automated Manufacturing Systems Technician (10-628-3)	2 Years
■	Automotive Technology (10-602-3)	2 Years
■	* Broadcast Captioning (shared program with LTC) (10-170-1)	2 Years
■	Business Management (10-102-3)	2 Years
■	Civil Engineering Technology – Highway Technology (10-607-4)	2 Years
■	Civil Engineering Technology – Fresh Water Resources (10-607-9)	2 Years
■	Criminal Justice - Law Enforcement (10-504-1)	2 Years
■	Culinary Arts (10-316-1)	2 Years
■	Diesel Equipment Technology (10-412-1)	2 Years
■	Early Childhood Education (10-307-1)	2 Years
■	Electrical Engineering Technology (10-662-1A)	2 Years
	Biomedical Engineering Technology (Option Area 10-662-1B)	
	Sustainable Energy Systems (Option Area 10-662-1C)	
■	Electromechanical Technology (10-620-1)	2 Years
■	Electronics (10-605-1)	2 Years
■	Fire Protection Technician (10-503-2)	2 Years
■	Graphic Communications (10-204-3)	2 Years
■	+ Health Information Technology (10-530-1)	2 Years
■	Horticulture (10-001-1)	2 Years
	Greenhouse and Floral (Option Area 10-001-1A)	
	Nursery and Landscaping (Option Area 10-001-1B)	
■	Hotel/Hospitality Management (10-109-1)	2 Years
■	Human Services Associate (10-520-3)	2 Years
■	+ Individualized Technical Studies (10-825-1)	2 Years
	Technical Studies – Journeyworker (10-499-5)	
■	Industrial Mechanical Technician (10-462-1)	2 Years
■	Information Technology – Computer Support Specialist (10-154-3)	2 Years
■	Information Technology – Network Specialist (10-150-2)	2 Years
■	Information Technology – Programmer/Analyst (10-152-1)	2 Years
■	Information Technology – Web Developer/Administrator (10-152-3)	2 Years
■	Instructional Assistant (10-522-2)	2 Years
■	Interior Design (10-304-1)	2 Years
■	* Judicial Reporting (shared program with LTC) (10-106-1)	
■	Land Survey Technician (10-607-7)	2 Years
■	Marketing (10-104-3)	2 Years
	General Marketing (Option Area 10-104-3A)	
	Business to Business (Option Area 10-104-3B)	
■	Mechanical Design Technology (10-606-1)	2 Years
	Mechanical Engineering Tech (Option Area 10-606-1A)	
	Mechatronics (Option Area 10-606-1B)	
■	+ Nursing – Associate Degree (ADN/RN) (10-543-1)	2 Years
■	Paramedic Technician (10-531-1)	2 Years
■	Physical Therapist Assistant (10-524-1)	2 Years
■	+ Radiography (10-526-1)	2 Years
■	Supervisory Management (10-196-1)	2 Years
■	+ Surgical Technology (10-512-1)	2 Years
■	Technical Communications (10-699-1)	2 Years
■	Automotive Maintenance Technician (31-404-3)	1 Year
■	Barber/Cosmetologist (31-502-1)	1 Year
■	Building Trades – Carpentry (31-475-1)	1 Year
■	CNC Production Technician (31-444-2)	1 Year
■	Community Pharmacy Technician (30-536-1)	18 Weeks
■	+ Dental Assistant (31-508-1)	1 Year
■	Diesel Equipment Mechanic (31-412-1)	1 Year
■	+ Emergency Medical Technician (EMT) – Basic (30-531-3)	20 Weeks
■	EMT – Intermediate (30-531-7)	20 Weeks
■	EMT – Intermediate Technician (30-531-6)	20 Weeks
■	EMT – Paramedic (31-531-1)	1 Year
■	Facilities Maintenance (31-443-2)	1 Year
■	+ Health Unit Coordinator (30-510-2)	18 Weeks
■	Medical Assistant (31-509-1)	1 Year
■	Medical Transcription (31-106-7)	1 Year
■	Nursing Assistant (30-543-1)	6 Weeks
■	Office Assistant (31-106-1)	1 Year
■	+ Practical Nursing (31-543-1) (Program listed on Nursing (10-543-1) curriculum sheet)	1 Year
■	Small Business Entrepreneurship (31-145-1)	1 Year
■	+ Welding (31-442-1)	1 Year
	Robotics (Option Area 31-442-1A)	
	Advanced Welding (Option Area 31-442-1B)	
	Pipe Welding (Option Area 31-442-1C)	
■	+ Welding/Maintenance and Fabrication (30-442-2)	18 Weeks
■	Computer Animation (10-810-18)	
■	Digital Photography (10-810-17)	
■	Financial Planning (10-809-8)	
■	Game Programming (10-810-16)	
■	Heavy Duty Vehicle Technician (10-810-15)	
■	Multimedia (10-810-2)	
■	Network Security (10-810-10)	
■	Oracle (10-810-4)	
■	Telecommunication Engineering Tech (10-810-14)	