

**GATEWAY TECHNICAL COLLEGE
RECOMMENDED YOUTH OPTIONS COURSES**

2017/2018

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Gateway Program	Course #	Course Name	Credits	Semester Offered	Location Burlington (B) Elkhorn (E) HERO (RO) Horizon (H) iMET (i) Kenosha (K) Lakeview (L) Online (O) Racine (R)	Prereq/Coreq Needed	Additional reqs/comments regarding program or course	COMPASS ACT/ANG Score	Materials
Horticulture	001-104	Greenhouse Systems	3	Fall	K	no			
	001-122	Horticulture Business Operations	3	Spring	K	no		n/a	
	001-128	Horticulture Marketing	3	Fall/Spring	K	no		n/a	
	001-129	Pesticide Applicator	1	Fall/Spring	K/Lake Geneva		Book needed to be purchased by student from state website. Minimum age is 16 years of age.		
	001-130	Landscape Plants Evergreens	3	Fall	K/Lake Geneva	no		n/a	
	001-132	Landscape Plants I I	3	Spring	K/Lake Geneva	no		n/a	
	001-136	Landscape Management	3	Fall	K/Lake Geneva	no		n/a	
	001-140	Landscape Design, Intro	3	Fall	K/Lake Geneva	no	Need Drafting Kit; approx. \$90	n/a	
	001-142	Vegetable Science	3	Spring	K	no		n/a	
	001-143	Herbaceous Plants	3	Fall	K	no		n/a	
	001-144	Floral Design I/Commercial	3	Fall	K	no		n/a	
	001-146	Sustainable Landscape	1	Fall	K/Lake Geneva	no		n/a	
	001-147	Soils and Plant Nutrition	1	Fall	K/Lake Geneva	no		n/a	
	001-148	Plant Pests and Beneficials	1	Fall/Spring	K/Lake Geneva	no		n/a	
	001-150	Floristry	3	Spring	K	Pre-req: 001-144		n/a	
	001-151	Greenhouse Crops	3	Spring	K/Lake Geneva	no		n/a	
	001-154	Alternative Growing Methods	3	Spring	K/Lake Geneva	no		n/a	
Accounting	101-100	Accounting Program Orientation	1	Fall/Spring	K,O,R	no		n/a	
	101-104	Income Tax Accounting	4	Fall/Spring	E,K,O,R	no		n/a	
	101-112	Accounting for Business	3	Fall/Spring	E,K,O,R	no		n/a	
	101-114	Accounting Principles	4	Fall/Spring	E,K,O,R	no		n/a	
	101-143	Payroll Accounting	2	Fall/Spring	K,O,R	no	Should not be taken on the internet	n/a	
Business Management	102-122	Investments	3	Fall/Spring	O	no		n/a	
	102-137	Introduction to Business	3	Fall/Spring	E,K,O,R	no		n/a	
	102-160	Business Law	3	Fall/Spring	E,K,O,R	no		n/a	
Computer Software	103-102	MS Excel	1	Fall/Spring	K,O,R	no		n/a	
	103-105	MS Access	1	Fall/Spring	O	no	Independence, self discipline, and computer knowledge a must.	n/a	
	103-109	Windows Operating Sys & Con.	1	Fall/Spring	E,K,O,R	no		n/a	
	103-110	Microsoft PowerPoint	1	Fall/Spring	K,O	no		n/a	
	103-111	Microsoft PowerPoint II	1	Fall/Spring	K,O,R	no		n/a	
	103-112	Microsoft Word	1	Fall/Spring	K,O	no		n/a	
	103-113	MS Word II	1	Fall/Spring	O	no	Independence, self discipline, and computer knowledge a must.	n/a	
	103-143	Computers for Professionals	3	Fall/Spring	E,K,O,R	no	Pre-req: 103-142 or COMPASS score	Computer Skills COMPASS: 50+	
Marketing	104-101	Marketing Principles	3	Fall/Spring	E,K,O,R	no		n/a	

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	104-104	Selling Principles	3	Fall/Spring	E,K,O,R	no		n/a	
	104-105	Promotion Principles	3	Fall/Spring	E,K,O,R	no		n/a	
	104-109	Marketing/Sports & Event Info	3	Spring	K	no	accelerated format	n/a	
	104-116	Electronic Marketing/Social Media	3	Spring	E,K,O,R	Pre-req: 104-101			
	104-194	International Marketing	3	Every other spring	K,O,R	no		n/a	
Administrative Professional	106-008	Emerging Business Trends & Tech.	2	Spring	E,K,O,R	no	Independence, self discipline, and computer knowledge a must.	n/a	
	106-009	Meetings/Planning	1	Spring	E,K,O,R	no		n/a	
	106-010	Publication Design for Business	2	Spring	E,K,O,R	Pre-req: 106-137		n/a	
	106-011	Records Management	1	Fall/Spring	E,K,O,R	no		n/a	
	106-012	Spreadsheet/DB for Business I	3	Spring	E, K, O, R	Pre-req: 106-137		n/a	
	106-014	Word Processing for Business 1	2	Spring	E,K,O,R	Pre-req: 106-137			
	106-016	Principles of Customer Service	3	Fall	K,O,R	no		n/a	
	106-018	Customer Service Management	3	Spring	O	Pre-req: 106-016			
	106-119	Professional Development	2	Spring	E,K,O,R	no		n/a	
	106-127	Skillbuilding I	1	Fall/Spring	K,O,R	Pre-req: 106-126		n/a	
	106-137	Keyboarding Applications	3	Fall/Spring	E,K,O,R	no		n/a	
	106-178	Business Proofreading & Editing	2	Fall/Spring	E,K,O,R	no		n/a	
IT- Information Technology	107-011	IT in Business	3	Fall/Spring	E,K,O,R	no		n/a	
	107-193	IT Essentials	3	Fall/Spring	E,O,R	no		n/a	
Financial Planning (not a program)	114-101	Personal Financial Planning	3	Fall/Spring	K/O/R	no		n/a	
Small Business Entrepreneurship	145-119	Entrepreneurship	3	Fall/Spring	E/K/O/R	no		n/a	
	145-120	Business Planning and Development	3	Fall/Spring	E/K/O/R	Pre-req: 145-119		n/a	
	145-106	Entrepreneurship 3 – Operations Mgmt.	3	Fall/Spring	E/K/O/R	Co-req: 145-119		n/a	
IT Network Specialist	150-105	Intro to Network/Web Concepts	3	Fall/Spring	E,K,O,R	no		n/a	
	150-108	Virtual Technologies	3	Fall	E/R	no		n/a	
	150-113	Network Administration-Linux/Unix	4	Spring	E/R	no		n/a	
	150-114	Network Concepts-CCNA1	3	Fall/Spring	E/R/O	no		n/a	
	150-124	Routing CCNA2	3	Spring	E/R	Prereq: 150-114		n/a	
	150-136	Server Technologies	3	Spring	E/R/O	Prereqs: 150-105 & 107-193		n/a	
	150-194	Network Security	3	Fall	E/R/O	no		n/a	
IT Web Software Developer	152-097	JavaScript	3	Spring	R/O	Pre-req: 152-182		n/a	
	152-105	IBM Enterprise System Concepts	2	Fall/Spring	K	Coreq: 107-011			
	152-122	Computer Programming RPG/IV (ILE)	3	Fall	K	Prereqs: 152-105 & 152-126			
	152-124	Computer Programming C	3	Fall	K	Prereq: 152-126			

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	152-126	Intro Program./Database Concepts	4	Fall/Spring	E/O/R	no		n/a	
	152-182	Web Programming 1	3	Fall/Spring	R/O	no		n/a	
	152-157	Game Programming 1	3	Fall	R	Pre-req: 152-126 OR 152-184			
	152-184	Java Programming 1	3	Fall/Spring	R/O	no			
	152-187	Web Professional Orientation	1	Fall/Spring	R/O	no		n/a	
IT Computer Support Specialist	154-119	System Software Support	3	Fall/Spring	E/K	Coreq 154-121		n/a	
	154-121	CSS Program Orientation	1	Fall/Spring	E/K	103-142 (or COMPASS 50+)		Computer Skills COMPASS: 50+ (or 103-142 prereq)	
	154-122	Inreoduction to Help/Service Desk	3	Spring	E/K	Pre-req: 107-193			
	154-114	Hardware & Software Support	3	Spring	E/K	Pre-reqs: 107- 193 and 154-119			
Supervisory Management	196-129	Management Orientation	1	Fall/Spring	E/K/O/R	no		n/a	
	196-134	Legal Issues for Supervisors	3	Fall/Spring	E/O	Pre-req: 196-193		n/a	
	196-136	Safety in the Workplace	3	Fall/Spring	E/R	no	accelerated format	n/a	
	196-137	Certified Service Specialist	3	Fall	O/R	no		n/a	
	196-164	Personal Skills for Supervisors	3	Spring	E/K/O/R	no		n/a	
	196-164A	Time Management	1	Fall/Spring	O	no	Independence, self discipline, and computer knowledge a must.	n/a	
	196-164B	Stress Management	1	Fall/Spring	O	no	Independence, self discipline, and computer knowledge a must.	n/a	
	196-164C	Assertive Behavior	1	Fall/Spring	O	no	Independence, self discipline, and computer knowledge a must.	n/a	
	196-168	Organizational Development	3	Fall/Spring	O/R	no		n/a	
	196-169	Diversity and Change Management	3	Fall/Spring	E/O	no		n/a	
	196-189	Team Building and Problem Solving	3	Fall/Spring	E/R	no	accelerated format	n/a	
	196-190	Leadership Development	3	Fall/Spring	E/K/O/R	no		n/a	
	196-191	Supervision	3	Fall/Spring	E/K/O/R	no		n/a	
	196-192	Managing for Quality	3	Fall/Spring	E/R	no	accelerated format	n/a	
	196-193	Human Resource Management	3	Fall/Spring	E/O	no	accelerated format	n/a	
Graphic Communication	204-100	Design Concepts	4	Fall: face to face Spring: online	E/O/R	no	Laptop Program	n/a	May require software purchase (s)
	204-105	Computer illustration and Techniques	3	Fall: face to face Spring: online	E/O/R	no	Laptop Program	n/a	May require software purchase (s)

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	204-107	Digital Photography/Intro	3	Fall: face to face Spring: online	E/O/R	no	Laptop Program	n/a	May require software purchase (s). Recommended purchase of DSLR camera, or checkout from library available.
	204-115	Advanced Digital Photography	3	Spring	E	Pre-req: 204-107	Laptop Program	n/a	May require software purchase (s). Recommended purchase of DSLR camera, or checkout from library available.
	204-116	Web Page Design for Graphic Designers	3	Spring	E/O/R	Prereq: 204-107	Laptop Program	n/a	May require software purchase (s)
	204-120	Multimedia Survey	3	Spring	E/R/O	no	Laptop Program	n/a	May require software purchase (s)
	204-125	Illustration Media Concepts	3	Fall: face to face Spring: online	E/O/R	no	Laptop Program	n/a	May require software purchase (s)
Interior Design	304-101	History of Furniture & Decorative Arts	3	Fall	O	no	Independence, self discipline, and computer knowledge a must.	n/a	
	304-118	Art History	3	Fall/Spring	O	no	Independence, self discipline, and computer knowledge a must.	n/a	
	304-122	Textiles	3	Fall	K	no		n/a	
	304-128	Basic Architectural Drawing	3	Fall	K	no		n/a	
	304-133	Sustainable Materials & Finishes	3	Spring	K	no		n/a	
	304-155	Principles of Interior Design	4	Fall	K	no		n/a	
Early Childhood Education	307-100	Children's Spontaneous Play	3	Spring	R	no		n/a	
	307-148	ECE: Foundations of Early Childhood Development	3	Fall/Spring	O/R	no		n/a	
	307-151	ECE: Infant & Toddler Development	3	Fall	O/R	no		n/a	
	307-167	ECE: Health, Safety & Nutrition	3	Fall	R	no		n/a	
	307-178	ECE: Art, Music & Language Arts	3	Fall/Spring	R	no		n/a	
	307-179	ECE: Child Development	3	Spring	O/R	no	This course can substitute for IA program course # 522-106	n/a	
	307-187	ECE: Children With Differing Abilities	3	Fall/Spring	O/R	no	This course can substitute for IA program course # 522-107	n/a	
	307-188	ECE: Guiding Children's Behavior	3	Spring	R	no	This course can substitute for IA program course # 522-111	n/a	
	307-194	ECE: Math, Science & Social Studies	3	Fall	R	no		n/a	

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	307-195	ECE: Family & Community Relations	3	Spring	O/R	no	This course can substitute for IA program course # 522-101	n/a	
	307-198	ECE: Administering an Early Childhood Ed. Program	3	Spring	R	no		n/a	
Culinary Arts	316-130	Nutrition	2	Fall/Spring	R	no		n/a	
	316-131	Culinary Skills I	4	Fall/Spring	R	Coreq: 316-170	Per instructor, students must have the minimum of Pre-Technical level Math skills.	n/a	
	316-170	Sanitation and Hygiene	1	Fall/Spring	R	no		n/a	
Aeronautics-Pilot Training	402-129	Aviation/Introduction	3	Fall/Spring	K	no		n/a	Student must be 16 years old by the end of the class in order to take a test required by the FAA.
	402-139	Aero Science-- Engine/Structure/Systms	3	Fall/Spring	H	no		n/a	
Diesel Equipment Mechanic and Diesel Equipment Technology	412-107	Diesel Electricity 1	4	Fall/Spring	H	Pre-req: 412-111	2nd course in the sequence. High-demand course.	n/a	
*Courses must follow appropriate sequence	412-111	Diesel Maintenance Fundamentals	2	Fall/Spring	H	no	1st course in the sequence. High demand course. Must be completed prior to any other Automotive Technology course. Students must purchase tablet (out-of-pocket expense).	n/a	
	412-114	Diesel Heating Cooling & Air Cond	3	Fall/Spring	H	Pre req: 412-111 & 412-107	3rd course in the sequence. High demand course.	n/a	
	412-117	Diesel Suspension & Steering System	3	Fall/Spring	H	Pre-req: 412-111	4th course in the sequence. High demand course.	n/a	
Mechanical Drafting	444-337	Fund. of Blueprint Reading and Shop Safety	3	Fall/Spring	E/i	no		n/a	
	421-316	Blueprint Reading- Adanced	2	Fall/Spring	i	Pre-req: 444-337		n/a	
Welding	442-101	Welding-Basics	1	Fall/Spring	E/R	no	This course is not a required course in the welding programs	n/a	
	442-102	Intro to Welding	2	Fall/Spring	E/R	no	This course is not a required course in the welding programs. Course is required in the Automated Manufacturing Systems Tech Program.	n/a	
	442-302	Metal Fabrication I	3	Fall/Spring	E/R	Pre-req: 442-324		n/a	

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	442-314	Welding/Fundamentals of	2	Fall/Spring	E/R	no	This course is not a required course in the welding programs	n/a	
	442-321	Welding/Gas Arc Welding	3	Fall/Spring	E/R	no		n/a	
	442-322	Welding/Shielded Met Arc Welding	3	Fall/Spring	E/R	no		n/a	
	442-323	Welding/Gas Tungsten Arc Welding	3	Fall/Spring	E/R	no		n/a	
	442-324	Welding Print Reading & Fabrication Procedures	2	Fall/Spring	E/R	no		n/a	
	442-329	Welding/Advanced Oxyacetylene	2	Fall/Spring	E/R	Pre-req: 442-334		n/a	
	442-330	Advanced Sheet Metal Arc Welding	3	Fall/Spring	E/R	Pre-req: 442-322		n/a	
	442-332	Advanced Gas Metal Arc Welding	3	Fall/Spring	E/R	Pre-req: 442-321		n/a	
	442-333	Advanced Gas Tungsten Arc Welding	3	Fall/Spring	E/R	Pre-req: 442-323		n/a	
	442-334	Welding/Oxacetylene	3	Fall/Spring	E/R	no		n/a	
	442-342	Welding/Pipe Oxyacetylene Fitting	1	Fall/Spring	E/R	Pre-req: 442-334		n/a	
	442-343	Welding/Pipe Shielded Metal Arc Welding	2	Fall/Spring	E/R	Pre-req: 442-322		n/a	
	442-344	Welding/Pipe Shielded Metal Arc Welding Certification	2	Fall/Spring	E/R	Pre-req: 442-322		n/a	
	442-345	Welding/Pipe Gas Tungsten Arc Welding	2	Fall/Spring	E/R	Pre-reqs: 442-322 and 442-323		n/a	
	442-346	Welding/Pipe Gas Tungsten Arc Welding Certification	2	Fall/Spring	E/R	Pre-req: 442-323		n/a	
	442-347	Welding/Pipe Gas Metal Arc Welding	2	Fall/Spring	E/R	Pre-req: 442-321		n/a	
	625-125	Workplace Safety A - MSSC	1	Fall/Spring	E/R	no	Additional fee: MSSC test	n/a	
Facilities Maintenance	443-311	Electrical Applications	3	Spring	K	Pre-req: 601-111		n/a	
	443-312	Basic Carpentry & Repair	2	Fall	K	Pre-req: 601-111		n/a	
	443-314	Mechanical Systems	2	Fall	K	Pre-req: 601-111		n/a	
CNC (Production Technician, Programmer, Operator certificate)	444-331	CNC Machining Technology	3	Fall/Spring	E/i	Co-req: 444-337		n/a	Safety glasses (marked Z-87) are required in labs (NOTE listed on back of curriculum sheet). Instructors provide more information first day of classes.

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	444-337	Fund. of Blueprint and Shop Safety	3	Fall/Spring	E/i	no		n/a	Safety glasses (marked Z-87) are required in labs (NOTE listed on back of curriculum sheet). Instructors provide more information first day of classes.
	444-338	Fund. of CNC Machine Application	4	Fall/Spring	E/i	Coreq: 444-337		n/a	Safety glasses (marked Z-87) are required in labs (NOTE listed on back of curriculum sheet). Instructors provide more information first day of classes.
	444-339	Gauging and Quality Control	3	Fall/Spring	E/i	no		n/a	Safety glasses (marked Z-87) are required in labs (NOTE listed on back of curriculum sheet). Instructors provide more information first day of classes.
Sustainable Energy (not a program)	482-110	Intro to Sustainable Energy	2	Fall	E	no		n/a	
Medical Terminology (not a program)	501-101	Medical Terminology	3	Fall/Spring	E/K/R/O	no		Reading: COMPASS 71+ ACT 17+ ANG: 250+	
Cosmetology	*****	*****	*****	*****	* Beginning Fall 2016, program will also be offered as a cohort in the evenings at the Kenosha Campus	*****	*****	*****	*****
	502-301	Shampoo/Scalp	1	Fall/Spring	R-days/K-evenings	no	Instructor consent and MANDATORY ORIENTATION required	n/a	Must purchase books, black smock, and kits (approx \$2400).
	502-366	Women's Haircut	2	Fall/Spring	R-days/K-evenings	no	Instructor consent and MANDATORY ORIENTATION required	n/a	Must purchase books, black smock, and kits (approx \$2400).

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	502-352	Men's Haircutting	2	Fall/Spring	R-days/K-evenings	502-366	Instructor consent and MANDATORY ORIENTATION required	n/a	Must purchase books, black smock, and kits (approx \$2400).
	502-350	Hair Design I	2	Spring/Summer	R-days/K-evenings	no	Instructor consent and MANDATORY ORIENTATION required	n/a	Must purchase books, black smock, and kits (approx \$2400).
	502-351	Hair Design II	2	Spring/Summer	R-days/K-evenings	no	Instructor consent and MANDATORY ORIENTATION required	n/a	Must purchase books, black smock, and kits (approx \$2400).
	502-312	Barber/Cosmetology/Intro	1	Fall/Spring	R-days/K-evenings	no	Instructor consent and MANDATORY ORIENTATION required (Most recommended for YOP students)	n/a	must purchase books and black smock only
	502-324	Cosmetology Industry	2	Fall/Spring	R-days/K-evenings	no	Instructor consent and MANDATORY ORIENTATION required (Most recommended for YOP students)	n/a	must purchase books and black smock only
	502-353	Perm Techniques	2	Fall/Spring	R-days/K-evenings	no	Instructor consent and MANDATORY ORIENTATION required	n/a	Must purchase books, black smock, and kits (approx \$2400).
	502-348	Chemical Straightening	2	Fall/Spring	R-days/K-evenings	502-353	Instructor consent and MANDATORY ORIENTATION required	n/a	Must purchase books, black smock, and kits (approx \$2400).
	502-345	Basic Hair Color	2	Spring/Summer	R-days/K-evenings	no	Instructor consent and MANDATORY ORIENTATION required	n/a	Must purchase books, black smock, and kits (approx \$2400).
	502-347	Bleaching	2	Spring/Summer	R-days/K-evenings	502-345	Instructor consent and MANDATORY ORIENTATION required	n/a	Must purchase books, black smock, and kits (approx \$2400).
	502-349	Facials	2	Fall/Spring	R-days/K-evenings	no	Instructor consent and MANDATORY ORIENTATION required	n/a	Must purchase books, black smock, and kits (approx \$2400).
Nail Technician	502-320	Basic Manicuring	2	Fall/Spring	R (evenings only)	no	Instructor consent and MANDATORY ORIENTATION required	n/a	Must purchase books, black smock, and kits (approx \$2400).
	502-337	Manicure Nail Technician I	4	varies	R (evenings only)	Co req: 502-338	502-337 and 502-338 must be taken together in order for student to receive their certificate and required State hours to take the State Board licensing exam	n/a	Must purchase books, black smock, and kits (approx \$2400).

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	502-338	Manicure Nail Technician II	5	varies	R (evenings only)	Co-req: 502-337	502-337 and 502-338 must be taken together in order for student to receive their certificate and required State hours to take the State Board licensing exam	n/a	Must purchase books, black smock, and kits (approx \$2400).
Firefighter Tech and Fire Medic	503-142	Firefighting Principles I	4	Fall/Spring	B/Kansasville FD	no	Mandatory orientation required before start of course. Both 503-142 and 503-780 must be successfully completed to take FF1 certification needed for admittance to Fire Medic		
	503-780	Hazardous Materials Operations THIS COURSE IS REQUIRED WITH 503-142 FOR FIREFIGHTER 1 CERTIFICATION	0	Fall/Spring	B/Kansasville FD	no	DOES NOT EARN COLLEGE CREDIT. Both 503-142 and 503-780 OR 503-720 and 503-780 must be successfully completed to take FF1 certification needed for admittance to Fire Medic Program.		
	503-101	Advanced Firefighting Concepts I	4	Fall/Spring	B	FF1 certification (see above)	Students must have proof of completing FF1 cert. Advisor consent required.*Registration may need to occur much later than open registration if student is currently enrolled in FF1, as they need to pass FF1 course and earn FF1 cert to register for this course.		
	503-103	Fire Medic Health & Wellness I	1	Fall/Spring	B	no	Course includes physical activity.		
Criminal Justice	504-117	Police Administration	3	Fall/Spring	E/K/R	no		n/a	
	504-141	Interviews/Interrogations/Confessions	3	Fall/Spring	E/K/R	no		n/a	
	504-148	Rules of Evidence	3	Fa//Spring	E/K/R	no		n/a	
	504-173	Cyber Crime	3	Fall/Spring	varies	no	Course typically fills by program students	n/a	
	504-174	Intro to Security	3	Fall/Spring	E/K/R	no		n/a	
	504-175	Terrorism/Homeland Security	3	Fall	varies	no		n/a	
	504-900	*Criminal Justice System/Intro to	3	Fall/Spring	E/K/R	no	*Recommended to take this course and Criminal Law first	n/a	
	504-902	*Criminal Law	3	Fall/Spring	E/K/R	no	*Recommended to take this course and Intro to Criminal Justice System first	n/a	
	504-903	Professional Communications	3	Fall/Spring	E/K/R	no		n/a	

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	504-904	Juvenile Law	3	Fall/Spring	E/K/R	no		n/a	
	504-907	Community Policing Strategies	3	Fall/Spring	varies	no		n/a	
	504-908	Traffic Theory	3	Fall/Spring	E/K/R	no		n/a	
Laboratory Assistant (Phlebotomy)	513-110	Basic Lab Skills	1	Fall/Spring	E/R	Coreq: 513-111	usually fills up by Gateway students	n/a	
	513-111	Phlebotomy	2	Fall/Spring	E/R	Coreq: 513-110	usually fills up by Gateway students	n/a	
Human Service Associate	520-101	Human Services/Introduction	3	Fall/Spring	E/K/R	no	*Recommended to take this course and Interviewing Principles & Recordkeeping first.	n/a	
	520-105	Interviewing Principles & Recordkeeping	3	Fall/Spring	E/K/R	no	*Recommended to take this course and Introduction to Human Services first	n/a	
	520-110	Community Resources	3	Fall/Spring	E/R/O	no		n/a	
	520-115	Introduction to Counseling	3	Fall/Spring	E/R	Pre-req: 520-105		n/a	
	520-127	Professional Practices in Human Services	3	Fall/Spring	R/O	no		n/a	
	520-128	Child Welfare Policy and Practices	3	Fall/Spring	R/O	no		n/a	
	520-150	Gerontology/Introduction to	3	Fall/Spring	R/O	no		n/a	
	520-152	Aspects of Disabilities	3	Fall/Spring	R/O	no		n/a	
	520-160	Correctional Processes	3	Fall/Spring	K/R/O	no		n/a	
	520-161	Child and Adolescent Mental Health	3	Fall/Spring	K/R/O	no		n/a	
Foundations of Teacher Education	522-103	Introduction to Educational Practices	3	Fall/Spring	O	no	All 522 courses are offered in an online format only. Computer skills a must. Must have comfort with online learning/be self-motivated learner.	n/a	
	522-106	Child and Adolescent Development	3	Fall/Spring	O	no	Online only- see bolded above. This course can substitute for ECE program course # 307-179	n/a	
	522-111	Guiding and Managing Behavior	3	Fall	O	no	Online only- see bolded above. This course can substitute for ECE program course # 307-188	n/a	
	522-102	Techniques for Reading and Language Arts	3	Spring	O	Pre-req: 838-105 or see ACT/COMPASS scores	Online only- see bolded above.	Reading COMPASS: 71+ ACT 17+ ANG: 250	
	522-107	Overview of Special Education	3	Spring	O	no	Online only- see bolded above. This course can substitute for ECE program course # 307-187	n/a	
	522-122	Advanced Reading/Language Arts	3	Fall	O	Prereq: 522-102	Online only- see bolded above.	n/a	
	522-132	Positive Classroom Management Techniques	3	Fall	O	Prereq: 522-111	Online only- see bolded above.	n/a	

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	522-101	Teamwork in School Settings	3	Fall	O	no	Online only- see bolded above. This course can substitute for ECE program course # 307-195	n/a	
	522-104	Technology and Media Resources	3	Spring	O	no	Online only- see bolded above.	n/a	
	522-120	Techniques for Science	3	Spring	O	no	Online only- see bolded above.	n/a	
	522-124	Supporting Students with Disabilities	3	Spring	O	no	Online only- see bolded above.	n/a	
Emergency Medical Technician	531-326	EMT-Basic	5	Fall/Spring	*B	no	*Varying off-site locations also offered. Successful completion allows opportunity to take National Registry exam for EMT-Basic certification. Should be close to age 18 by completion of course. PROGRAM ACCEPTANCE REQUIRED The following must be submitted prior to acceptance: Admission Application and Functional ability form. *EMT Certification is required for admittance to the Fire Medic Program.	n/a	
Pharmacy Technician	536-110	Pharmacy Calculations	3	Fall/Spring	B	Coreq/Prereq: 501-101		Math COMPASS: 1/41+ ACT: 17+ G: 250+	

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Certified Nursing Assistant	543-300	Certified Nursing Assistant	3	Fall/Spring	B/E/K/R	no	Successful completion of course allows opportunity to take the state certification to become a Certified Nursing Assistant. PROGRAM ACCEPTANCE REQUIRED The following must be submitted prior to acceptance: Admission Application, Background Information Disclosure (BID) form, Criminal Background Check (CBC) including fee, functional ability form, and COMPASS/ACT/ANG scores (see score requirements). *Student cannot miss any class time as reqd hours is state mandated for licensure purposes.	Reading ACT: 13+ COMPASS: 55+ ANG: 225	
Alcohol and Other Drug Abuse	550-130	Alcohol/Drug Abuse Rehabilitation	3	Fall/Spring	*E/K/R/O	no		n/a	
	550-154	Family & Chemical Abuse	3	Fall/Spring	*R/O	no		n/a	
	550-150	Psychopharmacology	3	Fall/Spring	*R/O	no		n/a	
	550-156	Mental Health and Substance Abuse	3	Fall/Spring	*R/O	no		n/a	
Air Conditioning & Refrig Technology	601-110	Air Condition Fundamentals	3	Fall/Spring	K	no		n/a	
	601-111	Workplace Fundamentals	1	Fall/Spring	K	no		n/a	
	601-116	Mechanical Fundamentals	3	Fall/Spring	K	no		n/a	
	601-130	HVAC Blueprint Reading	2	Spring	K	no		n/a	
	601-133	Refrigeration Fundamentals	3	Spring	K	no		n/a	
Automotive Technology*	602-104	Brake Systems (3rd course)	3	Fall/Spring	H	Pre-req: 602-107, 602-122	3rd course in the sequence. High demand course.	n/a	
*Courses must follow appropriate sequence	602-107	Auto Service Fundamentals (2nd course)	2	Fall/Spring	H	Pre-req: 602-122	2nd course in the sequence. High demand course.	n/a	
	602-122	Auto IT for Transportation (1st course)	2	Fall/Spring	H	no	1st course in the sequence. High demand course. Must be completed prior to any other Automotive Technology course. Students must purchase tablet (out-of-pocket expense).	Computer Skills COMPASS: 50+	
	602-124	Steering & Suspension Systems (4th course)	3	Fall/Spring	H	Pre-req: 602-107, 602-122	4th course in the sequence. High demand course.	n/a	

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Electrical Engineering Technology/Electronics	605-107	Fundamentals of Electricity/Electronics	3	Fall/Spring	K	no	Additional fees for multi-meter	n/a	
	605-113	DC/AC I	3	Fall/Spring	i	no	Additional fees for multi-meter	n/a	
	605-114	DC/AC II	3	Fall/Spring	i	Pre-req: 605-113		n/a	
	605-120	Electronic Devices I	4	Fall/Spring	i	Pre-req: 605-113		n/a	
	605-121	Electronic Devices II	4	Fall/Spring	i	Pre-req: 605-120		n/a	
	605-130	Digital Electronics	4	Fall/Spring	E/i	no		n/a	
	605-138	Circuit Construction	3	Fall/Spring	i	no		n/a	
Mechanical Design Technology (Including Mechatronics and Mechanical Engineering Tech Programs)	606-119	Motor Controls	3	Spring	i	no		n/a	
	606-103	Material Properties	2	Fall	E/i	no	NODAL-taught at Elkhorn, so independence and computer knowledge a must		
	606-128	CAD- Solidworks	2	Fall/Spring	E/i	no	NODAL-taught at Elkhorn, so independence and computer knowledge a must	n/a	
	606-141	AutoCAD-Mech Design Tech	3	Fall/Spring	E/i	no	NODAL-taught at Elkhorn, so independence and computer knowledge a must		
	606-149	Introduction to MET	2	Fall/Spring	E/i	no	NODAL-taught at Elkhorn, so independence and computer knowledge a must	n/a	
	606-152	Engineering Graphics w/CAD 1	2	Fall/Spring	E/i	Pre-req: 606-149	NODAL-taught at Elkhorn, so independence and computer knowledge a must	n/a	
	606-153	Engineering Graphics w/CAD 2	2	Fall/Spring	E/i	Pre-req: 606-152	NODAL-taught at Elkhorn, so independence and computer knowledge a must	n/a	
	606-159	Manufacturing Processes	2	Fall	E/i	Prereq: 606-103 or 606-136	NODAL-taught at Elkhorn, so independence and computer knowledge a must	n/a	
606-160	Fluid Power and Design	3	Spring	i	no		n/a		
Construction Sciences Group which includes the following programs: Architectural-Structural Engineering Tech Civil Engineering Tech – Highway CET- Fresh Water Resources Geospatial (Land) Survey Tech	607-100	Construction Industry Safety & Health	1	Fall	*E/i	no	* Elkhorn sections are NODAL taught. (NODAL-teaching is done from a remote site via telecommunication. Independence and computer knowledge a must.	n/a	
	607-102	Conflict Resolution in CET	2	Spring	i	no		n/a	

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	607-103	Intro to Civil Engineering and Architecture	2	Fall/Spring	*E/i	Basic geometry/algebra background recommended.	* Elkhorn sections are NODAL taught. (NODAL- teaching is done from a remote site via telecommunication. Independence and computer knowledge a must.	n/a	
	607-104	Building Materials & Construction Methods	3	Fall/Spring	*E/i	no	* Elkhorn sections are NODAL taught. (NODAL- teaching is done from a remote site via telecommunication. Independence and computer knowledge a must.	n/a	
	607-117	Geographical Information Systems I	2	Fall	*E/i	no	* Elkhorn sections are NODAL taught. (NODAL- teaching is done from a remote site via telecommunication. Independence and computer knowledge a must.	n/a	
	607-118	Geographical Information Systems II	2	Spring	E/i	Pre-req: 607-117	* Elkhorn sections are NODAL taught. (NODAL- teaching is done from a remote site via telecommunication. Independence and computer knowledge a must.	n/a	
	607-128	Construction Estimating	3	Fall	*E/i	Pre-reqs: 607- 104	* Elkhorn sections are NODAL taught. (NODAL- teaching is done from a remote site via telecommunication. Independence and computer knowledge a must.	n/a	
	607-136	Construction Project Management	2	Spring	*E/i	no	* Elkhorn sections are NODAL taught. (NODAL- teaching is done from a remote site via telecommunication. Independence and computer knowledge a must.	n/a	
	607-139	Material Testing and Inspection	4	Spring (beginning 2017)	i	607-104		n/a	
	607-170	AutoCAD for Construction Sciences	2	Fall/Spring	*E/i	no	NODAL-taught, so independence and computer knowledge a must. Basic geometry/algebra background recommended.	n/a	

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	607-187	3D CAD: Digital Terrain Modeling	2	Spring	E/i	no	NODAL-taught, so independence and computer knowledge a must. Basic geometry/algebra background recommended.	n/a	
	614-150	3D CAD: Building Information Modeling - Revit	2	Spring	*E/i	no	* Elkhorn sections are NODAL taught. (NODAL-teaching is done from a remote site via telecommunication. Independence and computer knowledge a must.	n/a	
NEW PROGRAM- NOT NAMED YET	612-102	Pneumatics/Hydraulics Intro	3	Fall/Spring	*E/L	no	Self-paced Instruct-Lab course offered on a Block schedule (SP). At first course meeting student and instructor will establish a weekly schedule during the block times.		
Electromechanical Technology	625-125	Workplace Safety A - MSSC	1	Fall/Spring	E/R	no	Additional fee: MSSC test	n/a	
Automated Manufacturing Systems Technology	628-109	Mechanical Skills for Technicians	3	Fall/Spring	*E/L	no	Self-paced Instruct-Lab course offered on a Block schedule (SP). At first course meeting student and instructor will establish a weekly schedule during the block times.	n/a	
Electrical Engineer Technology (These courses are in the Biomedical Engineering Program)	662-101	Safety in Healthcare	1	Spring	i	no		n/a	
	662-102	Medical Devices: Function & Use 1	3	Spring	i	no		n/a	
General Studies	806-112	Principles of Sustainability (science)	3	Fall/Spring	K	no		Reading: COMPASS 71+ ACT 17+ ANG: 250+	
	806-172	Basic Nutritional Science	3	Fall/Spring	O	no		n/a	
	809-112	Principles of Sustainability (social science)	3	Fall/Spring	K	no		Reading: COMPASS 71+ ACT 17+ ANG: 250+	
	809-128	Marriage and Family	3	Fall/Spring	E/k/O/R *This class may be delivered by a faculty member on a remote campus via live, two-way video.	no		Reading: COMPASS 71+ ACT 17+ ANG: 250+	

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	809-143	Microeconomics	3	Fall/Spring	K/O/R	no		Reading: COMPASS 71+ ACT 17+ ANG: 250+	
	809-144	Macroeconomics	3	Fall/Spring	K/O/R	no		Reading: COMPASS 71+ ACT 17+ ANG: 250+	
	809-166	Intro to Ethics: Theory and Applications	3	Fall/Spring	E/K/O/R	no		Reading: COMPASS 71+ ACT 17+ ANG: 250+	
	809-172	Introduction to Diversity Studies	3	Fall/Spring	E/K/O/R	no		Reading: COMPASS 71+ ACT 17+ ANG: 250+	
	809-188	Developmental Psychology	3	Fall/Spring	B/E/K/O/R	no		Reading: COMPASS 71+ ACT 17+ ANG: 250+	