



Effective 2012/2013

Career Cluster ►



Career Pathway ►

Programming & Software
Development

**IBM Enterprise Programming and
Administration - (10-810-11)**
Advanced Technical Certificate
Offered at: Kenosha Campus

✓	Course Number	Course Title	Requisites	Credits	Hrs/Wk Lec - Lab
	152-167	IBM Zend Application Programming	Prereq: 152-141	3	2-2
	152-168	IBM and .NET Enterprise Programming	Prereq: 152-151	3	2-2
	152-093	IBM Advanced Java Programming	Prereq: 152-141; 152-158; 152-145	3	2-2
	152-094	IBM Servers Configuration and Security	Prereq: 152-149	3	2-2

Program Total Required

12



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PROGRAM DESCRIPTION

The *IBM Enterprise Programming and Administration* ATC is intended to develop the skills necessary for the student to maintain and administer web servers on IBM I Power System computers. Additional courses included in the ATC develop skills using the Zend family of web development tools including PHO and MySQL, Advanced Java topics, and Microsoft advanced Visual Basic. While these courses are taught using the IBM I platform, these skills readily transfer to other platforms.

EQUIVALENCY

This program is designed for students who have completed one of the following Gateway Technical College Associate Degrees (or have the equivalent knowledge and skills):

IT – Programmer / Analyst (10-152-1)

Equivalency can be earned through a combination of prior class work and/or current work experience. For equivalency information call the campus counselor.

CORE ABILITIES

Gateway believes students need both technical knowledge and skills and core abilities in order to succeed in a career and in life. The following nine core abilities are the general attitudes and skills promoted and assessed by all Gateway programs. All Gateway graduates should be able to:

1. Act responsibly
2. Communicate clearly and effectively
3. Demonstrate essential comp. skills
4. Demonstrate essential math skills
5. Develop job seeking skills
6. Respect themselves and others as a member of a diverse community
7. Think critically and creatively
8. Work cooperatively
9. Value learning

ADMISSION REQUIREMENTS

1. Related associate degree (official transcript required) or equivalent work experience (documented by counselor) required.

GRADUATION REQUIREMENTS

1. 12 Credits with a minimum of 2.0 or above.

For a complete list of Graduation Requirements check the Student Handbook.

NOTES

OTHER INFORMATION

Gateway Technical College reserves the right to modify curriculum requirements for students who interrupt enrollment for a period of two years or take over seven years to complete. Tuition and material fees are determined by the board of the Wisconsin Technical College System. Consult the Master Class Schedule for exact fee amounts. Occasionally, the District may offer a particular course out of published sequence. By doing so, the District does not obligate itself to offer succeeding courses out of published sequence.

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You may call Student Services at (262) 767-5300 (Burlington), (262) 741-8300 (Elkhorn), (262) 564-2300 (Kenosha), or (262) 619-6300 (Racine) for additional information. For a complete list of course descriptions (and possible online courses) for this program, please consult Web Advisor on our web page at www.gtc.edu.

My counselor is _____. My counselor's contact information is _____.