GATEWAY TECHNICAL COLLEGE	**Career Cluster** ►	**Career Pathway** ►	**GAME PROGRAMMING**		
Effective 2012/2013	Information Technology	Programming & Software Development	**(10-810-16)** *Advanced Technical Certificate* **Offered at: Kenosha Campus**		

√	*Course Number*	*Course Title*	*Requisites*	*Credits*	*Hrs/Wk Lec - Lab*
	152-157	Game Programming I	Prereq: 152-126 (See Note 1)	3	2-2
	152-160	Game Engine Development	Prereq: 152-157	3	2-2
	152-124	Computer Programming C	Prereq: 152-126	3	2-2
	152-161	Game Programming Technologies	Prereq: 152-157	2	1-2
	204-162	Graphics for Gaming		1	1-0

Program Total Required   *12*

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PROGRAM DESCRIPTION

The *Game Programming* ATC builds on the skills, knowledge, and abilities developed in the IT Programmer / Analyst associate degree, or an equivalent degree program. Students will also develop skills needed to program two and three dimensional computer games. The skills learned in this certificate are transferable to many other industries including multimedia development and animation.

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

1. Instructor approval is needed. See a counselor for details.

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 _____.