



Effective 2017/2018

Career Cluster ►



Career Pathway ►

Web and Digital Communications

IT – WEB SOFTWARE DEVELOPER

(10-152-4B) – SharePoint Developer

Associate of Applied Science Degree

Most Courses Offered Online and Racine Campus

^Δ Suggested Sequence	✓	Course Number	Course Title	Requisites	Credits	Hrs/Wk Lec - Lab
Semester 1		107-193 *	IT Essentials		3	2-2
		152-126 *	Intro to Prog. & Database Concepts		4	3-2
		152-182 *	Web Programming 1		3	2-2
		152-187 *	Web Program Orientation		1	1-0
		804-107	College Mathematics	Prereq: 834-110 (See Note 1 & 2)	3	3-0
		804-115	College Technical Math 1		5	5-0
Semester 2		152-097 *	Javascript	Prereq: 152-182	3	2-2
		152-146 *	Advanced Databases	Prereq: 152-126 or 152-184	3	2-2
		152-151 *	Microcomputer Programming/Adv	Prereq: 152-126	3	2-2
		152-178 *	Develop ASP.NET Web Apps	Prereq: 152-126 or 152-184	3	2-2
		801-136	English Composition 1	Prereq: 831-103 (See Note 1)	3	3-0
Semester 3		152-096 *	Developing ASP.NET Web Apps 2	Prereq: 152-178	3	2-2
		152-150 *	Web Programming 2	Prereq: 152-182	3	2-2
		152-188 *	PHP Web Programming	Prereq: 152-182	3	2-2
		801-197	Technical Reporting	Prereq: 801-136	3	3-0
		809-198	Psychology, Introduction to	Prereq: 838-105 (See Note 1 & 4)	3	3-0
Semester 4		152-129 *	Web Project Management	Prereq: 152-150	2	1-2
		152-176 *	Adv Prog SharePoint Solutions	Coreq: 152-177	3	2-2
		152-177 *	Core Prog SharePoint Solutions	Prereq: 152-178	3	2-2
		809-143	Microeconomics	Prereq: 838-105 (See Note 1)	3	3-0
		809-144	Macroeconomics			
		809-195	Economics			
Electives	Take 6 elective credits. Any associate degree level course may be taken as an elective.				6	
	Suggested Electives: 152-140 Web Internship (3 Cr) OR 102-138 BIZ Internship (3 Cr) 102-118 International Biz Squad (3 Cr) 145-119 Entrepreneurship (3 Cr) 809-172 Diversity Studies, Intro to (3 Cr) 801-198 Speech (3 Cr)					
Minimum Program Total Credits Required					61	

^ΔCourses may be taken out of suggested sequence as long as requisites have been met.



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PROGRAM DESCRIPTION

The *IT-Web Software Developer – SharePoint Developer* program trains students in the development and maintenance of business web sites as well as designing and developing collaboration applications with Microsoft SharePoint. Topics will include web site project management, design, development, deployment, and basic maintenance of back-end databases and websites. This concentration includes a focus on the Microsoft Certified SharePoint Solution Developer (MCSD) Certification. Typical entry-level positions for this training opportunity include web developer, web programmer, web designer and SharePoint Developer.

PROGRAM LEARNING OUTCOMES

Graduates of the *IT-Web Developer-SharePoint Developer Associate Degree Program* should be able to:

1. Design software systems.
2. Integrate database technologies.
3. Develop software applications.
4. Develop technical documentation.

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

ADMISSION REQUIREMENTS

1. Students must submit an application & \$30 fee.
2. Students must complete reading, writing, and math skills placement assessments.
3. Students must submit official high school, GED, or HSED transcript.

GRADUATION REQUIREMENTS

1. Minimum 61 credits with an average of 2.0 or above.
2. *Grade of 2.0 ("C") or above for these major.

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

NOTES

1. A satisfactory placement test score (or successful remediation) is required prior to enrollment. See an advisor for details.
2. For those students considering the pursuit of a 4 year degree in this field, 804-115 College Technical Math 1 is a better choice. This course may be taken in place of 804-133 Mathematics and Logic.
3. Any course may be taken prior to entry in the program, assuming prerequisites and corequisites have been satisfied (or waived with departmental approval).
4. Transfer credits in Social Science may substitute for this course. See an advisor 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 Web Advisor 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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To schedule an appointment with an advisor, please call 1-800-247-7122.

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 advisor is _____ My advisor's contact information is _____