



Effective 2015/2016

Career Cluster ►



Career Pathway ►

Web and Digital Communications

IT – WEB DEVELOPER
(10-152-3B) – SharePoint Developer
 Associate of Applied Science Degree
 Most Courses Offered Online

| Δ Suggested Sequence | ✓ Course Number | Course Title | Requisites | Credits | Hrs/Wk Lec - Lab |
|---|--|---|----------------------------------|-----------|------------------|
| Semester 1 | 152-187 * | Web Program Orientation | | 1 | 1-0 |
| | 150-105 * | Intro to Networking / Web Concepts | | 3 | 2-2 |
| | 152-126 * | Intro to Prog. & Database Concepts | | 4 | 3-2 |
| | 152-182 * | Web Programming 1 | | 3 | 2-2 |
| | 801-198 | OR Speech | Prereq: 838-105 (See Note 1) | 3 | 3-0 |
| | 801-196 | OR Oral/Interpersonal Communications | | | |
| | 804-133 | OR Mathematics and Logic | Prereq: 834-110 (See Note 1 & 2) | 3 | 3-0 |
| | 804-115 | OR College Technical Math 1 | | 5 | 5-0 |
| Semester 2 | 152-146 * | Advanced Databases | Prereq: 152-126 | 3 | 2-2 |
| | 152-150 * | Web Programming 2 | Prereq: 152-182 | 3 | 2-2 |
| | 152-151 * | Microcomputer Programming/Adv | Prereq: 152-126 | 3 | 2-2 |
| | 152-178 * | Develop ASP.NET Web Apps | Prereq: 152-126 | 3 | 2-2 |
| | 801-136 | English Composition 1 | Prereq: 831-103 (See Note 1) | 3 | 3-0 |
| | 809-196 | OR Sociology, Introduction to | Prereq: 838-105 (See Note 1 & 4) | 3 | 3-0 |
| | 809-172 | OR Diversity Studies, Introduction to | Prereq: 838-105 (See Note 1) | | |
| Semester 3 | 107-193 * | IT Essentials | | 3 | 2-2 |
| | 152-177 * | Core Prog SharePoint Solutions | Prereq: 152-178 | 3 | 2-2 |
| | 152-184 * | Java Programming 1 | Prereq: 152-126 | 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: 152-146; Coreq: 152-188 | 2 | 1-2 |
| | 152-174 * | Java Programming 2 | Prereq: 152-184 | 3 | 2-2 |
| | 152-176 * | Adv Prog SharePoint Solutions | Prereq: 152-177 | 3 | 2-2 |
| | 809-143 | OR Microeconomics | Prereq: 838-105 (See Note 1) | 3 | 3-0 |
| | 809-144 | OR Macroeconomics | | | |
| 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 | 152-110 DBA Part 1 – Oracle (3 Cr) | | | |
| | 102-138 BIZ Internship (3 Cr) | 145-119 Entrepreneurship (3 Cr) | | | |
| | 152-164 Mobile Device App Programming (3 Cr) | 806-112 Principles of Sustainability (3 Cr) | | | |
| 152-194 SQL Fundamentals Oracle (3 Cr) | | | | | |
| Minimum Program Total Credits Required | | | | 70 | |

Δ Courses may be taken out of suggested sequence as long as requisites have been met.



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IT – WEB DEVELOPER
(10-152-3B) – SharePoint Developer
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PROGRAM DESCRIPTION

The *IT-Web 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, math, and computer skills placement assessments.
3. Students must submit official high school, GED, or HSED transcript.

GRADUATION REQUIREMENTS

1. Minimum 70 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 _____.