

INFORMATION TECHNOLOGY - WEB DEVELOPMENT AND DESIGN SPECIALIST

Program Number: 10-152-2

Associate of Applied Science Degree

Campus: Fond du Lac, West Bend, Online

This program is eligible for financial aid (<http://www.morainepark.edu/financial-aid/>)

Learn to create and maintain advanced websites and joining the growing field of web development and design through Moraine Park Technical College's Information Technology - Web Development and Design Specialist program.

About the Program

The Information Technology – Web Development and Design Specialist program prepares students to build and maintain professional, creative and responsive websites. You'll enter a field with faster-than-average job growth and great salaries.

What You'll Learn

Students in the IT – Web Development and Design Specialist program master coding and programming technologies. A focus is placed on cascading style sheets (CSS), HTML, JavaScript, PHP, jQuery, MySQL and XML. Students learn how to use design software such as the Adobe Creative Suite, and are familiar with development software and techniques including FTP, Content Management Systems and major emerging open source tools. Graduates of the program are prepared to develop software applications and systems and integrate database technologies.

Earn Two IT Degrees at Once!

Students can earn both the Information Technology - Web Development and Design Specialist and Information Technology - Mobile Applications Developer Associate of Applied Science degrees in only five terms. Students should refer to the Dual Degree Information Technology - Web Development and Design Specialist and Information Technology - Mobile Applications Developer program guide.

Not sure if you're ready to pursue an associate degree? Start with the one-year technical diploma in web design and development (<https://catalog.morainepark.edu/programs/information-technology-web-designer-developer/>).

Transfer Opportunities

Earn credits at MPTC and transfer to a four-year college to earn your bachelor's degree.

Visit the Transfer Opportunities (<https://www.morainepark.edu/academics/transfer-information/transfer-to-a-four-year-college/>) page for more information on credit transfer agreements between Moraine Park and four-year colleges, both public and private.

Admission Process

Standard Admissions (<http://www.morainepark.edu/admissions/new-student/how-to-apply-for-admissions/>) steps details

Credit for Prior Learning

Earn college credit outside the classroom through Moraine Park's Credit for Prior Learning (CPL) opportunities. Credit opportunities are available for:

- Previous college coursework from prior institutions
- Military training and experience
- Passing of MPTC or national exams
- Skills or knowledge developed on the job or through other life experiences

Visit MPTC's Credit for Prior Learning (<https://www.morainepark.edu/academics/transfer-information/credit-for-prior-learning/>) page for more information.

Approximate Costs

- \$141.00 per credit (resident)
- \$211.50 per credit (out-of-state resident)
- Online students are not charged out-of-state fees.
- Please refer to the MPTC Student Handbook (<http://www.morainepark.edu/studenthandbook/>) for additional enrollment fee information.

Financial Aid

Financial Aid is provided to aid eligible associate degree and technical diploma programs with 28 credits or more. Processing can take 6-8 weeks after a student's completed Free Application for Federal Student Aid (FAFSA (<https://studentaid.gov/h/apply-for-aid/fafsa/>)) is received. Visit the Financial Aid (<https://www.morainepark.edu/pay-for-college/financial-aid/>) page to learn more.

Course Requirements

Course	Title	Credits
Semester 1		
103-159	Computer Literacy - Microsoft Office	1
150-107	IT Fundamentals 1	3
152-106	Web Site Design	3
152-107	Graphics for the Web	2
152-112	Web Coding Technologies	3
801-136	English Composition 1	3
890-101	College 101	2
Credits		17
Semester 2		
152-113	Web Programming Technologies	3
152-114	CSS Technologies	3
152-115	Design/Implementation/Maintenance Workflow	3
152-118	Database-Driven Web Sites	3
Communication Course (https://catalog.morainepark.edu/academic-programming/general-education/communications/)		3
Mathematics Course (https://catalog.morainepark.edu/academic-programming/general-education/mathematics/)		3
Credits		18
Semester 3		
152-116	Content Management Systems	3
152-117	Emerging Web Technologies and Trends	1

152-121	Object-Oriented Programming	3
152-124	e-Commerce: Designing and Marketing Web Sites	3
204-112	Design Fundamentals	3
801-197	Technical Reporting	3
Credits		16
Semester 4		
152-120	Web and Mobile Internship	3
152-172	Web Site Security	3
Social Science Course (https://catalog.morainepark.edu/academic-programming/general-education/behavioral-social-science/)		3
Social Science Course (https://catalog.morainepark.edu/academic-programming/general-education/behavioral-social-science/)		3
Behavioral Science Course (https://catalog.morainepark.edu/academic-programming/general-education/behavioral-social-science/)		3
Credits		15
Total Credits		66

Program Outcomes

- Design software systems.
- Integrate database technologies.
- Develop software applications.
- Develop technical documentation.

Pathways

- Information Technology - Web Development and Design Specialist Associate Degree (p. 1)
 - Information Technology - Web Designer/Developer Technical Diploma (<https://catalog.morainepark.edu/programs/information-technology-web-designer-developer/>)
 - Web Site Coordinator Certificate (<https://catalog.morainepark.edu/programs/web-site-coordinator-certificate/>)

Earn a certificate, technical diploma and associate degree along this pathway. Start with some courses for entry-level employment, and continue with additional courses for higher wages and job advancement.

Career Opportunities

- Online Marketer
- Web Designer
- Web Developer
- Website Consultant/Entrepreneur
- Social Media Coordinator

Statewide Median Salary for Recent Graduates

\$47,836