MORAINE PARK TECHNICAL COLLEGE

1-800-472-4554 | TTY/VP. Use Relay/VRS

INFORMATION TECHNOLOGY - SOFTWARE DEVELOPER

Program Number: 10-152-1
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/)

You love a good challenge, especially if it means putting your creative and analytical skills to the test. From developing computer systems to the underlying systems that run devices, Moraine Park's Information Technology - Software Developer program prepares students to support the software development needs within a business environment.

About the Program

Learn to test, design and develop software in the Information Technology – Software Developer associate degree program. Students in this program are prepared to analyze users' needs and recommend software upgrades. Students practice collaboration with colleagues to develop and create software.

What You'll Learn

Students in the Information Technology - Software Developer program gain hands-on practice using common programming languages, including HTML, C#, Java, PHP, ASP.NET and SQL. A focus is placed on database development, technical documentation and software design. Graduates are prepared to follow through on maintenance and software testing.

Transfer Opportunities

Your academic journey can continue at a four-year college or university. Earn your associate degree at Moraine Park and then apply those credits toward a bachelor's degree. Starting at MPTC makes completing a bachelor's degree **affordable**, **accessible** and **convenient**. You can go anywhere as MPTC has transfer agreements with colleges and universities both in Wisconsin and throughout the country.

Visit the Transfer to a Four-Year College (https://www.morainepark.edu/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

Transform the skills and abilities developed through previous experience into college credit through MPTC's Credit for Prior Learning process.

- Transfer credit from other colleges/universities
- Earn college credit for your military training and experience
- Earn college credit via Advance Placement, CLEP, DANTES/DSST or MPTC Challenge Exams
- Earn college credit from previous/current work and life experiences

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

Approximate Costs

Tuition

Occupational

- $149.50 per credit (resident)
- $224.25 per credit (out-of-state resident)

Associate of Arts/Associate of Science

- $188.90 per credit (resident)
- $283.35 per credit (out-of-state resident)

Online students are not charged out-of-state fees.

Student Fees

- $5.00 minimum per course Material Fee
- $12.50 per-credit Supplemental Fee for Undergraduate courses
- $4.50 per term mandatory Student Accident Insurance Fee

Please refer to Tuition & Fee Information (https://catalog.morainepark.edu/admissions-registration/tuition-fee-information/) for additional enrollment fee information.

Financial Aid

Financial Aid is available for associate degree and technical diploma programs (those that are 2 semesters in length and typically with 28 credits or more). Processing can take 4-5 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.

While attending Moraine Park during the 2024-25 school year, your estimated cost of attendance for one full year includes tuition of $4,462 (15 credits for fall and spring semester), fees of $338, food and housing of $3,008 (if living with parents, $9,147 if living on your own), books and supplies of $1,465, personal expenses of $3,608, and transportation of $4,017 for a total of $17,002. Your direct costs (those costs paid directly to the college) include tuition & fees. The indirect costs (costs not paid to the college) can vary from individual to individual and your own personal needs.

Course Requirements

Course	Title	Credits
Semester 1		
103-159	Computer Literacy - Microsoft Office	1
150-107	IT Fundamentals 1	3
152-105	Relational Databases	3
152-108	Introduction to Programming	3
152-112	Web Coding Technologies	3
890-101	College 101	2
	Credits	**15**
Semester 2		
152-118	Database-Driven Web Sites	3
152-123	PHP	3
152-126	Introduction to Systems Analysis	3
152-139	C# Development	3

801-136	English Composition 1	3
Mathematics Course (https://catalog.morainepark.edu/academic-programming/general-education/mathematics/)		3
	Credits	**18**
Semester 3		
152-131	ASP.net	3
152-132	SQL	3
152-137	Java Programming	2
152-147	Systems Analysis and Design	3
801-197	Technical Reporting	3
Social Science Course (https://catalog.morainepark.edu/academic-programming/general-education/behavioral-social-science/)		3
	Credits	**17**
Semester 4		
152-138	Advanced Java Programming	2
152-142	Software Developer Capstone	3
152-143	Advanced SQL	3
152-148	Systems Analysis and Implementation	3
Behavioral 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
	Credits	**17**
	Total Credits	**67**

Program Outcomes

- Design software systems
- Implement a team-based software development methodology
- Navigate in a software development environment
- Integrate data technologies
- Develop software applications
- Develop technical documentation

Career Opportunities

- Systems Analyst
- Database Administrator
- Software Architect
- Software Developer

Statewide Median Salary for Recent Graduates

$60,000