

# 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
- \$13.45 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
<b>Semester 1</b>		
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
<b>Credits</b>		<b>15</b>
<b>Semester 2</b>		
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 ( <a href="https://catalog.morainepark.edu/academic-programming/general-education/mathematics/">https://catalog.morainepark.edu/academic-programming/general-education/mathematics/</a> )		3
<b>Credits</b>		<b>18</b>
<b>Semester 3</b>		
152-131	ASPnet	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 ( <a href="https://catalog.morainepark.edu/academic-programming/general-education/behavioral-social-science/">https://catalog.morainepark.edu/academic-programming/general-education/behavioral-social-science/</a> )		3
<b>Credits</b>		<b>17</b>
<b>Semester 4</b>		
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 ( <a href="https://catalog.morainepark.edu/academic-programming/general-education/behavioral-social-science/">https://catalog.morainepark.edu/academic-programming/general-education/behavioral-social-science/</a> )		3
Social Science Course ( <a href="https://catalog.morainepark.edu/academic-programming/general-education/behavioral-social-science/">https://catalog.morainepark.edu/academic-programming/general-education/behavioral-social-science/</a> )		3
<b>Credits</b>		<b>17</b>
<b>Total Credits</b>		<b>67</b>

## 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