

# COMPUTER INFORMATION SYSTEMS - SOFTWARE DEVELOPMENT INTRODUCTION, CERTIFICATE OF COMPLETION

Credit for Prior Learning (PLA) options may be available for your program.  
For more information, please visit our website: [www.lorainccc.edu/PLA](http://www.lorainccc.edu/PLA)  
(<http://www.lorainccc.edu/PLA/>)

Non-Pell Eligible (Students may not use Pell funding for this certificate.  
Grants may be available. See your advisor.)

Curriculum Code #C605

Effective May 2024

The software development introduction certificate represents the successful completion of select computer application and programming courses that prepare the student to develop business computer applications with an emphasis on Microsoft applications and development tools commonly used in organizations. Completion of this certificate provides a foundation for entry-level software development positions, industry certification testing, and further study leading to an associate's degree in software development, web development or mobile device development. It is also especially well suited for those individuals who have experience in one of more "legacy" technologies and are seeking to upgrade their skills. Lorain County Community College has articulation agreements with colleges and universities including programs offered by Lorain County Community College's University Partnership.

Code	Title	Hours
<b>REQUIRED COURSES</b>		
CISS 121	MICROCOMPUTER APPLICATIONS I	3
CISS 143	DATABASE DESIGN AND IMPLEMENTATION <sup>1</sup>	3
CISS 160	INTRODUCTION TO PROGRAMMING IN C# <sup>1</sup>	4
<b>Total Hours</b>		<b>10</b>

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Indicates that this course requires a prerequisite or can be taken concurrently.

While completion of this certificate may aid in obtaining employment, many employers recommend the minimum completion of a Computer Information Systems degree program to gain employment in an IT related field.

Completion of this certificate provides a foundation for industry certification testing: Microsoft Technology Associate - Developer.

Program Contact(s):

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