# COMPUTER INFORMATION SYSTEMS - BUSINESS IT FUNDAMENTALS, SHORT-TERM TECHNICAL CERTIFICATE

Curriculum Code #6602

Effective May 2024

Division of Engineering, Business and Information Technologies (http://catalog.lorainccc.edu/academic-programs/engineering-business-information-technologies/)

The short-term technical certificate in IT Fundamentals prepares the certificate holder with the foundation of core IT basic knowledge and skills required to pursue additional education in various IT fields.

| Code | Title | Hours |
|---|---|---|
| CISS 121 | MICROCOMPUTER APPLICATIONS I | 3 |
| CISS 125 | OPERATING SYSTEM INTERFACES [1] | 3 |
| CISS 145 | LOCAL AREA NETWORKS [1] | 4 |
| CISS 160 | INTRODUCTION TO PROGRAMMING IN C# [1] | 4 |
| SDEV 101 | INTRODUCTION TO THE LCCC COMMUNITY [2] | 1 |
| Select one of the following: | | 3 |
| CISS 143 | DATABASE DESIGN AND IMPLEMENTATION [1] | |
| CISS 216 | WEB DEVELOPMENT [1] | |
| CMNW 141 | COMPUTER DIAGNOSTIC AND REPAIR | |
| **Total Hours** | | **18** |

[1]

Indicates that this course has a prerequisite.

[2]

A student must register for the orientation course when enrolling for more than six credit hours per semester or any course that would result in an accumulation of 13 or more credit hours.

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.

Program Contact(s):

**Nathanial Neeland**
440-366-7790
nneeland@lorainccc.edu

For information about admissions, enrollment, transfer, graduation and other general questions, please contact your advising team (https://www.lorainccc.edu/admissions-and-enrollment/advising-and-counseling/).

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/)

Program Learning Outcomes

1. Demonstrate fundamental techniques and skills utilizing business computer applications, software development, and database management systems.
2. Demonstrate Information Technology infrastructure knowledge, techniques, and fundamental skills utilizing operating systems and networks.