

INFORMATION SYSTEMS SUPPORT, ONE-YEAR TECHNICAL CERTIFICATE

Curriculum Code #6603

Effective May 2025

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

To help businesses succeed and empower their personnel in a technology-rich work environment, highly-skilled employees are needed to provide support to the non-technical workforce. This certificate is designed to provide the breadth of technical and user application focus to enable the graduate to provide such support. Upon successful completion the student will have developed the skills necessary to support the non-technical users' workspace including software, networking, small scale application development needs and basic hardware. 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
CISS 121	MICROCOMPUTER APPLICATIONS I	3
CISS 122	MICROCOMPUTER APPLICATIONS II ¹	3
CISS 125	OPERATING SYSTEM INTERFACES ¹	3
CISS 143	DATABASE DESIGN AND IMPLEMENTATION ¹	3
CISS 145	LOCAL AREA NETWORKS ¹	4
CISS 160	INTRODUCTION TO PROGRAMMING IN C# ¹	4
CISS 212	SPREADSHEET APPLICATIONS ¹	3
CISS 215	MULTIMEDIA FUNDAMENTALS ¹	3
CISS 216	WEB DEVELOPMENT ¹	3
CMNW 101 or CMNW 141	A+ CERTIFICATION PREPARATION I COMPUTER DIAGNOSTIC AND REPAIR	3-4
SDEV 101	INTRODUCTION TO THE LCCC COMMUNITY ²	1
Total Hours		33-34

¹

Indicates that this course requires 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 12 or more credit hours.

Program Contact(s):

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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/>).

More program information can be found on our website. (<https://www.lorainccc.edu/it/hardware-maintenance-and-information-systems-support/information-systems-support-one-year-certificate/>)

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. Explain the purpose of typical business applications and how to organize business data in computer applications.
2. Construct applications using C# and SQL database tools.
3. Demonstrate fundamental techniques and skills utilizing business computer applications, software development, and database management systems.
4. Demonstrate Information Technology infrastructure knowledge, techniques, and fundamental skills utilizing operating systems and networks.