

CYBERSECURITY BOOTCAMP I - CYBERSECURITY SPECIALIST, SHORT-TERM TECHNICAL CERTIFICATE

Curriculum Code #6475

Effective May 2026

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

The Cybersecurity Short Term Technical certificate provides a foundation in computing technology, information assurance, cybercrime investigation, ethical hacking and countermeasures, digital forensics, software exploitation, data integrity, risk assessment and mitigation techniques. Lorain County Community College has articulation agreements with colleges and universities including programs offered by Lorain County Community College's University Partnership.

First Year

Fall Semester		Hours
CMNW 101	A+ CERTIFICATION PREPARATION I	4
CMNW 120	CYBER-FOREN CYBER CRIME THE LAW	4
CMNW 145	NETWORK INSTALLATION/DIAGNOSTICS	4
SDEV 101	INTRODUCTION TO THE LCCC COMMUNITY ²	1
Hours		13

Spring Semester

CMNW 201	A+ CERTIFICATION PREP II ¹	4
CYBR 220	PYTHON SCRIPTING AND PROGRAM CONCEPTS	3
CYBR 231	ETHICAL HACKING AND COUNTERMEASURES	4
CYBR 251	CYBER DEFENSE METHODS ¹	3
Hours		14
Total Hours		27

¹ Indicates that this course requires a college level 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.

³ The cyber core courses in this program may be earned through a competency-based education option. See your advisor for more information.

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/>).

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. Implement cyber security goals, metrics, and safeguards consistent with industry best practices.
2. Conduct security assessments to identify vulnerabilities in critical infrastructure systems.
3. Evaluate a variety of cybersecurity tools.