COMPUTER ENGINEERING TECHNOLOGY - COMPUTER AND DIGITAL FORENSICS, ONE-YEAR TECHNICAL CERTIFICATE

Curriculum Code #6121

Effective May 2023

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

The computer engineering technology – computer and digital forensics one-year technical certificate provides graduates with the skills necessary to enter careers in computer technology and digital forensics, and in the design, application, installation, operation and maintenance of computers, networks and other digital devices and associated equipment. Students are given comprehensive information and training in digital forensics and data recovery tools and practices through this extensive, hands-on curriculum. Typical job titles: computer/digital forensic examiner, computer systems specialist, cybercrime specialist, installation technician and applications specialist. 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 121	DATA COLLECTION ANALYSIS AND FORENSIC TOOLS	4
MTHM 155	TECHNICAL MATHEMATICS I	4
SDEV 101	INTRODUCTION TO THE LCCC COMMUNITY [2]	1
	Hours	**17**
Spring Semester		
CMNW 145	NETWORK INSTALLATION/DIAGNOSTICS	4
CMNW 221	PROGRAMMING IN C & C++ FOR ENGINEERING TECHNOLOGY APPLICATIONS [1]	4
CMNW 223	NETWORK FORENSICS AND INVESTIGATIVE TECHNIQUES [1]	4
ENGL 161	COLLEGE COMPOSITION I	3
Social Science Elective(s) [3]		3
	Hours	**18**
	Total Hours	**35**

[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 13 or more credit hours.

[3]

Select any Social Science Ohio Transfer 36 (http://catalog.lorainccc.edu/academic-information/transfer-module-requirements/) course.

Program Contact(s):

Hikmat Chedid
440-366-7017
hchedid@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/).

More program information can be found on our website. (https://www.lorainccc.edu/it/computer-science-engineering-and-technology/computer-digital-forensics-one-year-certificate/)

Program Learning Outcomes

1. Demonstrate knowledge, techniques, skills, and use of the appropriate digital forensics investigative tools

2. Communicate effectively the investigation analysis, procedures, and technical report findings to a variety of stake holders using written, oral, and graphical communication