

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

Curriculum Code #6121

Effective May 2017

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.

Course	Title	Hours
<b>First Year</b>		
<b>Fall Semester</b>		
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 121	TECHNICAL MATHEMATICS I <sup>1</sup>	4
SDEV 101	COLLEGE 101 <sup>2</sup>	1
Hours		17
<b>Spring Semester</b>		
CMNW 145	NETWORK INSTALLATION/DIAGNOSTICS	4
CMNW 221	PROGRAMMING IN C & C++ FOR ENGINEERING TECHNOLOGY APPLICATIONS <sup>1</sup>	4
CMNW 223	NETWORK FORENSICS AND INVESTIGATIVE TECHNIQUES <sup>1</sup>	4
ENGL 161	COLLEGE COMPOSITION I	3
Social Science Elective(s)		3
Hours		18
Total Hours		35

<sup>1</sup> Indicates that this course requires a prerequisite.

<sup>2</sup> 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.

## Social Science Electives

HSTR 151G	CIVILIZATION I	3
HSTR 152G	CIVILIZATION II	3
HSTR 161	UNITED STATES I	3
HSTR 162	UNITED STATES II	3
HSTR 171G	THE WORLD SINCE 1900	3
HSTR 267G	AFRICAN AMERICAN HERITAGE	3
PLSC 156	AMERICAN NATIONAL GOVERNMENT	3
PSYH 151	INTRODUCTION TO PSYCHOLOGY	3
SOCY 151G	INTRODUCTION TO SOCIOLOGY	3

Program Contact(s):

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