

COMPUTER ENGINEERING TECHNOLOGY - COMPUTER APPLICATIONS INTEGRATION SPECIALIST, ONE-YEAR TECHNICAL CERTIFICATE

Curriculum Code #6122

Effective May 2017

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

The computer engineering technology – computing applications specialist certificate provides graduates with the skills necessary to design and implement software and hardware interfaces and networking of equipment with computers, computing devices and communication systems for a variety of industrial sectors including health care, law enforcement, manufacturing, logistics/transportation and other sectors. 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
First Year		
Fall Semester		
CMNW 101	A+ CERTIFICATION PREPARATION I	4
CMNW 121	DATA COLLECTION ANALYSIS AND FORENSIC TOOLS	4
CMNW 145	NETWORK INSTALLATION/DIAGNOSTICS	4
MTHM 121	TECHNICAL MATHEMATICS I ¹	4
SDEV 101	COLLEGE 101 ²	1
Hours		17
Spring Semester		
CMNW 201	A+ CERTIFICATION PREP II ¹	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
Arts and Humanities Elective(s)		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.

Arts and Humanities Electives

ARTS 243G	ART HISTORY I	3
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ARTS 244G	ART HISTORY II	3
ARTS 245G	WORLD ART	3
ARTS 246	HISTORY OF PHOTOGRAPHY	3
ARTS 254G	HISTORY OF AMERICAN ARCHITECTURE	3
ENGL 251	AMERICAN LITERATURE I	3
ENGL 252	AMERICAN LITERATURE II	3
ENGL 253G	INTRODUCTION TO WORLD LITERATURE	3
ENGL 254G	INTRODUCTION TO HISPANIC LITERATURE	3
ENGL 255	INTRODUCTION TO FICTION	3
ENGL 257G	INTRODUCTION TO POETRY	3
ENGL 259G	INTRODUCTION TO DRAMA	3
ENGL 261G	MASTERPIECES OF BRITISH LITERATURE I	3
ENGL 262G	MASTERPIECES OF BRITISH LITERATURE II	3
ENGL 266G	AFRICAN AMERICAN LITERATURE	3
ENGL 269G	INTRODUCTION TO SHAKESPEARE	3
HUMS 151G	INTRODUCTION TO HUMANITIES	3
HUMS 261G	INTRODUCTION TO GREAT BOOKS: ANCIENT WORLD TO THE RENAISSANCE	3
HUMS 262G	INTRODUCTION TO GREAT BOOKS: EARLY MODERN TO THE 20TH CENTURY	3
HUMS 271G	INTRODUCTION TO MYTHOLOGY	3
HUMS 274	FILM APPRECIATION	3
MUSC 262G	MUSIC AS A WORLD PHENOMENON	3
PHLY 165	BIOETHICS	3
PHLY 262G	INTRODUCTION TO EASTERN PHILOSOPHY	3
RELG 181G	INTRODUCTION TO WORLD RELIGIONS	3
RELG 261	RELIGION IN AMERICA	3
RELG 262G	INTRODUCTION TO EASTERN PHILOSOPHY	3
THTR 151G	INTRODUCTION TO THEATER	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-engineering-technology-application-integration-specialist-one-year-certificate>)