



APPLIED BUSINESS COMPUTER INFORMATION SYSTEMS/NETWORK COMMUNICATION TECHNOLOGY, AAB to COMPUTER INFORMATION SYSTEMS, NETWORKING OPTION, BS

SUGGESTED SEQUENCE AT LORAIN COUNTY COMMUNITY COLLEGE			SUGGESTED SEQUENCE AT THE UNIVERSITY OF AKRON	
Semester 1	17 Credit Hours	UA Equivalent	Semester 8	17 Credit Hours
SDEV101 Introduction to the LCCC Community	1	GN EL	CISS310 Wireless Networking	3
CISS121	3		CISS401 Multilayer Switching	4
CMMC151 Oral Communication	3	COMM106 Effective Oral Communication GNED Speech	CISS306 Ethics and Law in Information Technology	3
ENGL161 College Composition I	3	ENGL111 English I GNED Writing	CISS400 Advanced Routing	4
MTHM171 College Algebra****	4	MATH 145 College Algebra GNED Statistics, Logic, Quantitative Reasoning	CISS449- CIS Senior Projects GNED Capstone	3
CISS125 Operating System Interfaces	3	CISS145 Introduction to UNIX/Linux		
Semester 2	17 Credit Hours	UA Equivalent	Semester 9	15 Credit Hours
GNED Natural Science	3	GNED Natural Science	CISS388 Advanced UNIX/LINUX	3
CISS143 Database Design and Implementation	3	CISS180 Introduction to Database Management	CISS430 Networking Monitoring and Management	3
CISS145 Local Area Networks	4	CISS201 Networking Basics	CISS402 Troubleshooting Complex IP Based Networks	3
CMNW141 Computer Diagnostic and Repair	3	CISS247 Hardware and Support	CISS303 Voice, Data, Video	3
MTHM174 Trigonometry****	4	MATH154 Technical Math IV	COMM300 Supervision in a Technical Environment or COMM302 Ethical Issues in the Workplace or MGMT201 Management Principles and Concepts	3
Semester 3	6 Credit Hours	UA Equivalent		
SOCY151G Introduction to Sociology	3	SOCIO100 Introduction to Sociology GNED Social Science GNED Domestic Diversity		
BADM155 Introduction to Business Administration	3	COMM106 Introduction to Business		
Semester 4	15 Credit Hours	UA Equivalent		
ACTG151 Accounting I	4	ACCT201 Accounting Principles I		

CISS160 Introduction to Programming in C++	4	CISS121 Introduction of Logic Programming	
CISS245 Network Integration and Management	4		
CISS165 CISCO CCNA V7 Introduction to Networking	3	CISS201 Networking Basics	
Semester 5	13 Credit Hours	UA Equivalent	
MKRG245 Social Media Marketing	3	COMM202 Elements of Human Resource Management	
CISS227 Intranet/Internet Networking	4	CISS321 Server-Side Scripting	
CISS247 Systems Development	3	CISS241 Systems Analysis and Design	
CISS166 CISCO CCNA V7 Local Area Networking	3	CISS204 Router and Routing Basics	
Semester 6	15 Credit Hours	UA Equivalent	
GNED Humanities	3	GNED Humanities	
ENGL162 College Composition II	3	ENGL112 English II GNED Writing	
CISS155 Fundamentals of Network Security	3	CISS300 Network Authentic and Security	
CISS167 CISCO CCNA V7 Routing and Wide Area Network Operations	3	CISS204 WAN Technologies	
GNED Fine Art	3	GNED Fine Art	
Semester 7	16 Credit Hours	UA Equivalent	
PHYL165 Bioethics	3	PHIL361 Biomedical Ethics GNED Complex Issue Facing Society GNED Humanities	
GNED Natural Science with Lab	4	GNED Natural Science with Lab	
GNED Global Diversity	3	GNED Global Diversity	
ECNM152 Microeconomics or ECNM151 Macroeconomics	3	ECON 200 Principles of Microeconomics or ECON201 Principles of Macroeconomics GNED Social Science	
BADM251 Principles of Management	3	MGMT301 Management: Principles and Concepts	

Credits from LCCC: 91-92 credits

Total credits for degree: 120 credits

**Last 30 credits must be earned at the University of Akron*

*** General Education Courses may have equivalents at Lorain Community College, please refer to*

<https://www.uakron.edu/transfer/ted/>

****CISS401, CISS400, and CISS402 will require a variable number of sessions on the UA campus*

***** math sequence requirements – to enter the UA program a student must have the equivalent of Tech Math IV/ Pre-Calc: please work with your advisor for the proper sequence.*

LCCC	UA
MTHM 155	MATH 143 or 144
MTHM 156	MATH 154
MTHM 171	MATH 145
MTHM 172	MATH 149
MTHM 174	MATH 149 or 154

Contact:

Ms. Sarah Hoge

mshoge@uakron.edu

Last updated: XX/XX/XXXX