



# Transfer Pathway Between Montcalm Community College and University of Phoenix

Associate of Applied Science Degree in Computer Network Administration (Montcalm Community College)  
2023-2024 Catalog Year to:  
Bachelor of Science in Information Technology v010A (UOPX)

## UOPX General Education and Elective Program Requirements

Bachelor of Science in Information Technology Degree Requirement	Recommended Courses	Institution	Credits Utilized
<b>Communication Arts (6 credits)</b> [Must Include three (3) credits of College Composition]	ENGL 100 Freshman English I* (Written Communication)	MCC	3
	COMM 210 -or- COMM 215 -or- COMM 220* (Oral Communication)	MCC	3
<b>Mathematics (6 credits)</b> [Must Include six (6) credits of Quantitative Reasoning, Statistics, College Algebra or Calculus] [Math Proficiency Requirement]	MATH 101 -or- MATH 190* (Mathematics)	MCC	4
	MATH 159 College Algebra**	MCC	2
<b>Science and Technology (3 credits)</b> [Must Include three (3) credits in the Physical or Biological Sciences]	Any four (4) credits from the Laboratory Science options on the AAS degree requirements that does not duplicate*	MCC	3
<b>Humanities (6 credits)</b> [Must Include GEN/201 Foundations for University Success]	GEN/201 Foundations for University Success	UOPX	3
	ARTS 190 Art Appreciation* (Humanities and Fine Arts)	MCC	3
<b>Social Science (6 credits)</b>	POLI 240 American Political System*	MCC	3
	PSYC 120 General Psychology**	MCC	3
<b>Liberal Arts (6 credits)</b>	Any four (4) credits from the Laboratory Science options on the AAS degree requirements that does not duplicate* (excess)	MCC	1
	CNET 250 UNIX Operating System*	MCC	3
	CNET 251 CCNA3 Cisco Scaling Networks*	MCC	2
<b>Interdisciplinary (12 credits)</b>	GNST 100 Success Skills for the 21st Century*	MCC	3
	CNET 163 Windows Server 1*	MCC	3
	CNET 263 Windows Server 2*	MCC	3
	CSTC 127 Introduction to Networking*	MCC	3
<b>Information Systems and Technology Electives (6 credits)++</b>	CNET 151 CCNA1 Cisco Networking Fundamentals*	MCC	3
	CNET 152 CCNA2 Cisco Routing & Switching*	MCC	3
<b>Elective (18 credits)</b>	<i>Lower Division Elective Credits Filled by Combined Credits From:</i>		
	CPGM 120 (excess), CNET 251 (excess), CSTC 171, CSTC 172, CSTC 242*	MCC	11
	MATH 159 College Algebra** (excess)	MCC	2
	Any college-level/transferable coursework that does not duplicate**	MCC	5

\*Course recommended or required to maximize transfer into UOPX based off Associate degree requirements to obtain an Associate of Applied Science Degree in Computer Network Administration from Montcalm Community College.

\*\*Course recommended by UOPX outside of Associate degree requirements to reach transfer credit totals listed on pathway. Students may have other options to satisfy this course requirement at University of Phoenix. Students should consult an advisor at their respective institution if they would like to take courses outside of the recommended sequence.

++Information Systems and Technology coursework seeking to be used to satisfy the Information Systems and Technology elective category must have been completed within the past five (5) years from current program enrollment sign date to be eligible for transfer.



## UOPX Course of Study Requirements

Bachelor of Science in Information Technology Degree Requirement	Recommended Courses	Institution	Credits
Information Systems Fundamentals+	CIS/207 Information Systems Fundamentals	UOPX	3
Cyber Domain+	CYB/100 Cyber Domain	UOPX	3
Foundations of Security+	<b>CSTC 237 Network Security*</b>	<b>MCC</b>	<b>3</b>
Algorithms and Logic for Computer Programming+	PRG/211 Algorithms and Logic for Computer Programming	UOPX	3
Object-Oriented Scripting Language+	CYB/130 Object-Oriented Scripting Language	UOPX	3
Infrastructure Administration+	CYB/205 Infrastructure Administration	UOPX	3
Data Programming Languages+	<b>CPGM 120 Introduction to Python Programming*</b>	<b>MCC</b>	<b>3</b>
Fundamentals of Networking	NTC/362 Fundamentals of Networking	UOPX	3
Data Structures for Problem Solving	DAT/305 Data Structures for Problem Solving	UOPX	3
Fundamentals of Business Systems Development	BSA/375 Fundamentals of Business Systems Development	UOPX	3
Intro to Software Engineering	BSA/385 Intro to Software Engineering	UOPX	3
Project Planning & Implementation	CMGT/410 Project Planning & Implementation	UOPX	3
BSIT Capstone	BSA/425 BSIT Capstone	UOPX	3
Upper Division Information Systems and Technology Electives	Upper Division Information Systems and Technology Electives	UOPX	12

### Institutional Credit Breakdown

Minimum Credits Required for AAS Degree in Computer Network Administration	60 Credits
Credits Utilized from AAS in Computer Network Administration Degree	60 Credits
Recommended Credits Outside AAS in Computer Network Administration Degree to Maximize Transfer	12 Credits

### Total Credits Required to Complete Bachelor's Degree 120

Total Montcalm Community College Applied Credits	72
Required University of Phoenix Credits (30 Upper Division)	48

+ Identifies lower division courses that can be waived using transfer coursework providing certain conditions are met upon admission to UOPX.

NOTE: This breakdown represents the recommended course sequence a student should pursue in order to transfer into University of Phoenix. This summary is an estimation of credits only based on the current catalog and degree program requirements. Actual credit may vary based on each individual student's submission. Concentrations are reflected on the transcript only. All courses that apply to an associate's degree transfer to the University of Phoenix with the exception of remedial or vocational courses. Courses must have received a grade of C- or higher to transfer.