

**MONTCALM COMMUNITY COLLEGE (MCC)
AAS COMPUTER NETWORK ADMINISTRATION
TO AMERICAN PUBLIC UNIVERSITY SYSTEM (APUS)
BS INFORMATION TECHNOLOGY
TRANSFER GUIDE**

APUS DEGREE REQUIREMENTS	MCC COURSES	CREDITS APPLIED	CREDITS NEEDED AT APUS
General Education Requirements (24 Credits Required)		15	9
Communication: Writing, Oral, & Multimedia (COMM) (6 Credits Required)		3	3
COMM120: Information and Digital Literacy <i>(Required)</i>	<i>Waived</i>		
ENGL110: Making Writing Relevant <i>(Required)</i>	MCC Written Communication ENGL 100 / ENGL101 Option* <i>(APUS Recommends ENGL 100)</i>	3	
ITCC231: Introduction to Information Technology Writing <i>(Required)</i>			3
Arts & Humanities (ARHU) (6 Credits Required)		6	0
STEM270: Thinking and Acting Ethically <i>(Required)</i>	MCC Oral Communication COMM 210 / 215 / 220 Option* <i>(APUS Recommends COMM 210 or COMM 220)</i> (APUS COMM200 / COMM285)	3	
APUS General Education ARHU Course Choice	MCC Humanities and Fine Arts Option	3	
History (HIST) (3 Credits Required)		0	3
STEM185: The History and Context of STEM <i>(Required)</i>			3
Civics, Political & Social Sciences (SSPS) (6 Credits Required)		3	3
STEM280: Exploring Society and Cultures via Science Fiction <i>(Required)</i>			3
APUS General Education SSPS Course Choice	POLI 240 American Political System (APUS POLS210)	3	
Mathematics and Applied Reasoning (MAAR) (3 Credits Required)		3	0
ENTD200: Fundamentals of Programming <i>(Required)</i>	CPGM 120 Introduction to Python Programming	3	
Natural Sciences (NASC) (3 Credits Required)		0	0
STEM100: Introduction to STEM Disciplines <i>(Required)</i>	<i>Waived</i>		
Electives (36 Credits Required)		36	0
Choose any additional courses to meet degree requirements**	GNST 100 Success Skills for the 21st Century	3	
	MCC Laboratory Science Option	4	
	MCC Mathematics Option	4	
	CPGM 120 Introduction to Python Programming - <i>split</i>	1	
	CNET 151 CCNA1 Cisco Networking Fundamentals (APUS INTW200)	3	
	CNET 251 CCNA3 Cisco Scaling Networks (APUS INTW201)	3	
	CNET 152 CCNA2 Cisco Routing & Switching	3	
	CNET 163 Windows Server 1	3	
	CNET 250 UNIX Operating System	3	
	CNET 263 Windows Server 2	3	

	CSTC 171 Computer Maintenance I	3	
	CSTC 172 Computer Maintenance II	3	
	CSTC 237 Network Security	3 - excessive credit	
	CSTC 242 Windows Client Administration	3 - excessive credit	
Major Requirements (42 Credits Required)		3	39
HRMT101: Human Relations Communication			3
ITCC121: Introduction to Computer Science			3
ENTD120: User Experience I			3
WEBD122: Introduction to Web Analytics			3
WEBD121: Web Development Fundamentals			3
ENTD220: Introduction to Python			3
ENTD268: Information System Design			3
ENTD278: Object Oriented Design			3
ISSC297: Securing Applications			3
ISSC231: Networking Concepts	CSTC 127 Introduction to Networking	3	
INFO222: Database Concepts			3
ISSC290: Securing Databases			3
STEM380: Coevolution of Society, Culture, and Technology			3
Select 1 course from:			3
STEM470: Cybersecurity, Surveillance, Privacy and Ethics			
STEM471: Analytics, Algorithms, AI, and Humanity			
General Concentration Requirements^ (15 Credits Required)		0	15
WEBD221: Intermediate Web Development (<i>Prerequisite: WEBD121 - Web Development Fundamentals</i>)			3
WEBD241: Web Development Using JavaScript			3
INFO331: Management Information Systems			3
ISSC422: Information Security			3
ISSC221: Intermediate Computer Systems			3
Final Program Requirement (3 Credits Required)		0	3
INFO498: Information Technology: Capstone	MUST BE TAKEN AS FINAL COURSE		3
120 Credits Needed for Graduation		54	66
<p><i>^Credit mapped toward the General Concentration. Other available concentration for this program: 1) Multi-tier Architecture Approach, 2) Programming, and 3) Project Management</i></p> <p><i>*Credit variances in academic placement and credit award can occur based on student course selections and APUS' program requirements.</i></p> <p><i>**Any transferable course not used to fulfill General Education or Major/Concentration requirements may be taken. Please note remedial/developmental and vocational credit is not transferrable.</i></p> <p>Note: In order to transfer courses to APUS, the student must earn a grade of "C" or better.</p>			