MONTCALM COMMUNITY COLLEGE (MCC)
AAS INFORMATION TECHNOLOGY 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)		**12**	**12**
Communication: Writing, Oral, & Multimedia (COMM) (6 Credits Required)		**3**	**3**
COMM120: Information and Digital Literacy *(Required)*	*Waived*		
ENGL110: Making Writing Relevant *(Required)*	MCC Written Communication ENGL 100 / ENGL 101 Option* *(APUS Recommends ENGL 100)*	3	
ITCC231: Introduction to Information Technology Writing *(Required)*			3
Arts & Humanities (ARHU) (6 Credits Required)		**6**	**0**
STEM270: Thinking and Acting Ethically *(Required)*	MCC Oral Communication COMM 210 / 215 / 220 Option* *(APUS Recommends COMM 210* ***or*** *COMM 220)* (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 *(Required)*			3
Civics, Political & Social Sciences (SSPS) (6 Credits Required)		**3**	**3**
STEM280: Exploring Society and Cultures via Science Fiction *(Required)*			3
APUS General Education SSPS Course Choice	MCC Social Science Option	3	
Mathematics and Applied Reasoning (MAAR) (3 Credits Required)		**0**	**3**
ENTD200: Fundamentals of Programming *(Required)*			3
Natural Sciences (NASC) (3 Credits Required)		**0**	**0**
STEM100: Introduction to STEM Disciplines *(Required)*	*Waived*		
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	
	MCC Program Requirements CMIS 101 / 115 Option	3	
	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	
	CSTC 237 Network Security	3	
	CSTC 102 Data Analytics	3	
	CSTC 103 Scripting for Server Administration	3	
	CSTC 173 Computer Maintenance	4	

	CSTC 240 Cloud Essentials	*excessive credit - 3*	
Major Requirements (42 Credits Required)		**6**	**36**
HRMT101: Human Relations Communication			3
ITCC121: Introduction to Computer Science	CSTC 101 Information Technology Fundamentals	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			
Project Management Concentration Requirements^ (15 Credits Required)		**3**	**12**
ITMG221: IT Project Management	CSTC 104 Project Management for Information Technology	3	
ITMG223: IT Project Management Using Microsoft Project			3
HRMT300: Negotiation I			3
DEFM200: Fundamentals of Contracting and Acquisition			3
ITMG421: Virtual Management			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		**57**	**63**

^Credit mapped toward the Project Management Concentration. Other available concentration for this program: 1) Programming Full Stack/Python Visualization, 2) Programming, and 3) General

**Credit variances in academic placement and credit award can occur based on student course selections and APUS' program requirements.*

***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.*

Note: *In order to transfer courses to APUS, the student must earn a grade of "C" or better.*