Transfer Guide between
Montcalm Community College and Grand Canyon University

GRAND CANYON UNIVERSITY™

Associate of Applied Science in Computer Network Administration – Bachelor of Science in Information Technology

General Education requirements, excluding University Foundations and Christian Worldview, will be considered fulfilled in the event a student has completed one of the following Associate degrees:

- *Associate of Arts (AA)*
- *Associate of Science (AS)*

In the event a student has not earned one of the aforementioned Associate level degrees, all general education coursework will be required to complete GCU's Baccalaureate degree.

The following table outlines the requirements needed to receive an Associate of Applied Science in Computer Network Administration from Montcalm Community College. Within the tables below are preferred courses from Montcalm Community College that are applicable towards Grand Canyon University's transfer-oriented Bachelor of Science degree programs. The General Education courses outlined below are not course to course equivalencies, however they will fulfill the requirements for each competency. If the General Education GCU course has a (+) symbol, it indicates that the transferring course must be a direct course equivalency. All Program Major Transferrable Courses must be a direct course equivalency.

Montcalm Community College – Associate of Applied Science in Computer Network Administration	Credits	Grand Canyon University – Bachelor of Science in Information Technology	GCU Applied Semester Credits
General Education Requirements			
Effective Communication (9 - 12 Credits)			
General Education Requirements – Written Communication ENGL-100: Freshman English I	3	+ ENG-105: English Composition	3
General Education Requirements – Oral Communication	3	Effective Communication	3
		Effective Communication	
Critical Thinking (11 – 12 Credits)			
General Education Requirements – Mathematics MATH-190: Introductory Statistics	4	+ MAT-144: College Mathematics	4
General Education Requirements – Laboratory Science	4 - 5	Critical Thinking	4 - 5
General Education Requirements – Social Science ECON-215: Principles of Macroeconomics	3	Critical Thinking	3
Global Awareness (6 - 8 Credits)			
General Education Requirements – Humanities & Fine Arts	3 - 4	Global Awareness	3 - 4
General Education Requirements – Humanities & Fine Arts	3 - 4	Global Awareness	3 - 4
Additional Montcalm Community College Requirements			
General Education Requirements – Social Science POLI-240: American Political System	3	Elective Credit	3
Program Requirements CNET-163: Windows Server I	3	Elective Credit	3

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Program Requirements CNET-250: UNIX Operating System	3	Elective Credit	3
Program Requirements CNET-251: CCNA3 Cisco Scaling Networks	3	Elective Credit	3
Program Requirements CNET-263: Windows Server II	3	Elective Credit	3
Program Requirements CPGM-120: Introduction to Python Programming	4	Elective Credit	4
Program Requirements CSTC-127: Introduction to Networking	3	Elective Credit	3
Program Requirements CSTC-171: Computer Maintenance I	3	Elective Credit	3
Program Requirements CSTC-172: Computer Maintenance II	3	Elective Credit	3
Program Requirements CSTC-237: Network Security	3	Elective Credit	3
Program Requirements CSTC-242: Windows Client Administration	3	Elective Credit	3
Bachelor of Science in Information Technology: Program Major Transferrable Courses			
Program Requirements CNET-151: CCNA1 Cisco Networking Fundamentals	3	ITT-116: Platforms and Network Technologies	3
Program Requirements CNET-152: CCNA2 Cisco Routing & Switching	3	ITT-270: Routing and Switching	3

Total Credit Hours Needed to Complete Associate of Applied Science in Computer Network Administration at Montcalm Community College	**60 Credits**
Total Semester Credit Hours applied to Bachelor of Science in Information Technology at Grand Canyon University	**60 Credits**

All students must meet 36 Upper Division credit requirement, as well as 30 GCU credits to meet residency requirement. Students must meet Upper Division credit requirement even if content of an Upper Division course requirement is met with a Lower Division course.

Symbol Key	
+	Symbol indicates the Montcalm Community College course must meet specific content requirements (or higher) in order to fulfill GCU's course.
^	Symbol indicates the Montcalm Community College course meets the content requirement but does not fulfill GCU's upper division requirements.

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Course #	Bachelor of Science	Semester Credits
Non-transferable GCU General Education: 8 Credits		
UNV-303	University Success	4
CWV-301	Christian Worldview	4
General Education Requirements		
	Effective Communication	4
Bachelor of Science in Information Technology : Program Major		
CST-111	Introduction to Computer Science and Information Technology	4
ITT-121	System Administration and Maintenance	4
ITT-307	Cybersecurity Foundations	4
SYM-400	Introduction to Database Structures	4
BIT-415	IT Project Management	4
ITT-370	Wireless Networks	4
STG-390	Professionalism in Science & Technology-Communications, Conduct and Ethics	4
SYM-408	Relational Databases for Business Applications	4
ITT-415	IT Business Case Planning for Global Enterprise	4
ITT-430	Security Driven Systems Administration	4
ITT-455	IT Project	4

Total Credit Hours Needed to Complete an Associate of Applied Science in Computer Network Administration at **Montcalm Community College**	60 Credits
Credits Completed at Grand Canyon University	60 Credits
Credits completed at Grand Canyon University may fluctuate contingent upon coursework successfully completed at the transferring institution. Courses are not listed twice on the transfer guide, so any courses not completed at the transferring institution will still be required as part of the GCU program. Students are required to complete a minimum of 120 credits to earn the Bachelor of Science degree. If the student completes additional courses at the transferring institution, credits may not apply to their GCU program.	
Remaining open elective credits needed to earn Bachelor of Science degree at Grand Canyon University varies based on program major requirements.	
Total Credit Hours Needed to Complete Bachelor of Information Technology at Grand Canyon University	**120 Credits**

Symbol Key	
+	Symbol indicates the Montcalm Community College course must meet specific content requirements (or higher) in order to fulfill GCU's course.
^	Symbol indicates the Montcalm Community College course meets the content requirement but does not fulfill GCU's upper division requirements.

For additional graduation requirements, please see the https://www.gcu.edu/sites/default/files/media/Documents/Academic-Catalog/University-Policy-Handbook.pdf.
Students with transfer credit that applies to this program will shorten the time to completion from that stated on this transfer guide. Please contact your Counselor for more information.
https://www.gcu.edu/sites/default/files/media/Documents/Academic-Catalog/University-Policy-Handbook.pdf

Effective 2020