



**Computer Information Systems
Cyber Security
2024 – 2025 Associate of Applied Science
Degree/Certificate Plan**

A minimum 2.0 cumulative GPA is required for the degree. The residency requirement specifies that a minimum of 15 credit hours must be completed at Jefferson College. Courses with similar content may not both apply towards graduation. The computer literacy requirement must be completed with a grade of “C” or better. See a list of course options for each general education and institutional degree requirement below the degree plan. For a list of MOTR approved general education courses, visit the [MOTR webpage](#). This plan is not a substitute for meeting with an [Advising Specialist](#).

	Course Titles and General Education/Institutional Requirements	Course Number	Completed/ In Progress	Future	Certificate	Degree	
Core Requirements	Networking I (4)	CIS147			X	X	
	MS Server I (5)	CIS154			X	X	
	MS Server II (5)	CIS220				X	
	Virtualization and the Cloud (4)	CIS221				X	
	Enterprise Client Administration (3)	CIS252			X	X	
	Information Systems Security (4)	CIS260			X	X	
	Network Security (4)	CIS263			X	X	
	Advanced Information Systems Security (4)	CIS264			X	X	
	Linux OS (3)	CIS275				X	
	Penetration Testing (5)	CIS277				X	
	Security Projects (4)	CIS284				X	
General Education and Institutional Requirements	Communications (3)	ENG101(H)				X	
	Communications OR Humanities (3)					X	
	Social and Behavioral Sciences (3)					X	
	Civics (3)					X	
	MO Civics Exam	PSC001				X	
	Mathematical Science AND/OR Natural Science (6)						X
							X
		Computer Literacy (3)	CIS252^			X	X
	First Year Experience				X	X	
Total Credits					25	64	

General Education/Institutional Requirements	Credits Required	Course Options
Communications	3	ENG101(H)
Communications OR Humanities	3	See MOTR webpage for a list of choices (cannot use Performance/Production of Creative Arts courses)
Social and Behavioral Sciences	3	See MOTR webpage for a list of choices
Civics	3	HST103(H), 104(H), PSC102(H)
Mathematical Science AND/OR Natural Science	6	MGT103^, MTH105^, MTH110^, MTH128^; See MOTR webpage for a list of choices*
Computer Literacy	3	CIS252^
First Year Experience	1	COL100^, COL101^, COL136^

^These courses listed in the General Education and Institutional Requirements are not part of the MOTR CORE42 general education program, and are not a guaranteed transfer to other institutions.

*MTH134 is recommended for Mathematical Science AND/OR Natural Science requirement.