



**Associate of Applied Science in  
Computer Information Systems  
Cyber Security  
2025 – 2026 Academic Plan**

This academic plan is a semester-by-semester guide for the college-ready student. Students should consider bachelor’s degree requirements at transfer institutions, potential for continuing education to a graduate degree, and future career goals when selecting specific courses. This plan is not a substitute for meeting with an [Advising Specialist](#) or full-time Faculty Advisor.

Academic Plan: Fall 1 <sup>st</sup> Year			Notes
Requirement	Course	Credits	
FYEX	*First Year Experience	1	<ul style="list-style-type: none"> <li>CIS147 and CIS154 with a grade of “C” or better are prerequisites for future coursework.</li> <li>CIS147 and CIS154 are corequisites.</li> </ul>
WCOM^	ENG101 English Composition I	3	
CPLT/CORE	CIS252 Enterprise Client Management	3	
CORE	CIS147 Networking I	4	
CORE	CIS154 MS Server I	5	
<b>Total Credits</b>		16	
Academic Plan: Spring 1 <sup>st</sup> Year			Notes
Requirement	Course	Credits	
CO/HU^	*Communication OR Humanities	3	<ul style="list-style-type: none"> <li>CIS260 with a grade of “C” or better is a prerequisite for future coursework.</li> </ul>
MT/SC	*Mathematical Science OR Natural Science	3	
CORE	CIS221 Virtualization and the Cloud	4	
CORE	CIS260 Information Systems Security	4	
CORE	CIS275 Linux OS	3	
<b>Total Credits</b>		17	
Academic Plan: Fall 2 <sup>nd</sup> Year			Notes
Requirement	Course	Credits	
MT/SC	*Mathematical Science OR Natural Science	3	<ul style="list-style-type: none"> <li>CIS247 and CIS264 are prerequisites for future coursework.</li> </ul>
CORE	CIS220 MS Server II	5	
CORE	CIS263 Network Security	4	
CORE	CIS264 Advanced Information Systems Security	4	
<b>Total Credits</b>		16	
Academic Plan: Spring 2 <sup>nd</sup> Year			Notes
Requirement	Course	Credits	
CIVI^	*Civics and PSC001 MO Civics Requirement	3	
SBSC^	*Social and Behavioral Science	3	
CORE	CIS277 Penetration Testing	5	
CORE	CIS284 Security Projects	4	
<b>Total Credits</b>		15	
<b>Total Program Credits</b>		<b>64</b>	

\*For a list of elective and general education courses visit, the [degree/certificate plan webpage](#).

^This general education requirement must be met by a MOTR equivalent course; see [MOTR webpage](#). 

The Computer Literacy (CPLT) requirement must be completed with a grade of “C” or better.