



AAS

**Cybersecurity  
2022-2023**

**92 Credits**

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	UCC Course Number/Title		Credits	Terms	Prerequisites/Notes
Term 1	CIS 120	Intro to Digital Literacy	4	F, W, S, SU	Digital literacy score or instructor approval.
	CIS 122	Orientation to Programming	4	F	MTH 095 or equivalent; placement into WR 121 or higher.
	CIS 140M or CIS 140L	Introduction to Microsoft Operating Systems or Introduction to Linux Operating Systems	4	F or Su	Concurrent enrollment, or completion of CIS 120; or instructor approval.
	MTH 095 (or higher)	Intermediate Algebra	4	F, W, S	MTH 065 with a grade of C or better, placement by approved measure, or instructor permission
Term 2	CIS 133CS	Introduction to Programming I	4	W	CIS 122 and CIS 120, or instructor approval
	CIS 240M	Installing and Configuring Microsoft Windows Server	4	W	CIS 120 or instructor approval
	WR 121	Academic Composition*	4	F, W, S, SU	WR 115, RD 90 each with a grade of C or better, or appropriate placement test scores or placement by multiple measures; and basic computer word processing skills
	PSY 101	Psychology of Human Relations	3	F, W, S, SU	None
Term 3	CIS 151C	Network Essentials	4	S	CIS 120 or instructor approval
	CIS 233CS	Introduction to Programming II	4	S	CIS 133CS and CIS 275 or instructor approval (CIS 275 may be taken concurrently).
	CIS 275	Introduction to Data Management Systems I	4	S	CIS 133VB, CIS 133CS, CS161 or instructor approval
	CIS 279M	Microsoft Windows Server Administration I	4	S	CIS 240M or instructor approval
Summer					
	<b>Note</b>				<b>Student can take CIS 280 during the summer as desired.</b>

Term 4	CIS 152C	Switching, Routing, & Wireless Essentials	4	F	CIS 151C or instructor approval
	CIS 195	Authoring for the World Wide Web I	4	F	CIS 133CS or CS161 or instructor approval
	CIS 276	Introduction to Data Management Systems II	4	F	CIS 275 and CIS 233 or instructor approval
	CIS 288M	Microsoft Windows Server Administration II	4	F	CIS 240M or instructor approval
Term 5	CIS 284	Network Security Fundamentals	4	W	CIS 240M or instructor approval
	CIS 285A	Ethical Hacking	4	W	CIS 152C or instructor approval
	CIS 153C	Enterprise Networking, Security, and Automation	4	W	CIS 152C or instructor approval
	CIS 295	Authoring for the World Wide Web II	4	W	CIS 195 and CIS 275 or instructor approval
Term 6	CIS 145	Computer Forensics For Ethical Hackers	4	S	CIS 140M or CIS 140L
	CIS 285C	Cloud Services Technologies	3	S	CIS 288M or instructor approval
	SP 111	Fundamentals of Public Speaking	4	F, W, S, SU	WR 095 with a grade of C or better or placement by approved measures; AND RD 090 with a grade of C or better or placement by approved measure
	CIS 280	Cooperative Work Experience: Computer Information Systems	2	F, W, S, SU	Instructor approval
<b>Total Credits</b>			<b>92</b>		

Advising Notes					
		* Grade of "C" or better in all courses.			
		<b>Placement scores of MTH 65 or higher and WR 115 or higher are required for entry into the CIS program.</b>			
		If students choose to vary from this suggested sequence, then prerequisites and term availability must be watched closely because class time conflicts may arise, and/or desired courses may not be available.			
Required/Recommended Equipment and Software					