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					
	Note				**Student can take CIS 280 during the summer as desired.**

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
	Total Credits		**92**		

Advising Notes		* Grade of "C" or better in all courses.			
		Placement scores of MTH 65 or higher and WR 115 or higher are required for entry into the CIS program.			
		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					