



**One-Year Certificate
2022-2023**

47 Credits

Computer Information Systems

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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. If math requirement already met, students can enroll in an elective course this term.
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	Concurrent enrollment, or completion of 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
Term 3	CIS 151C	Introduction to Networks	4	S	CIS 120 or instructor approval. Maps to Cisco's CCNA cert (CIS 151C-153C).
	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 Database 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
	PSY 101	Psychology of Human Relations	3	F, W, S, SU	None
Total Credits			47		

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			
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