

Computer Information Systems Associate of Applied Science (AAS)

2021-22

90 credits

5/21/2021

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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	ELECTIVE	From approved elective list**	3		3 credits minimum required for degree. Students might enroll in an elective here or in Term 6.
	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	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					
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 125S	Computer Applications – Spreadsheets	3	W	CIS 120 or instructor approval
	CIS 153C	Enterprise Networking, Security, and Automation	4	W	CIS 152C or instructor approval
	CIS 284	Network Security Fundamentals	4	W	CIS 240M 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 125D	Computer Applications – Database	3	S	CIS 120 or instructor approval
	ELECTIVE	From approved elective list**	0		3 credits minimum required for degree; credits not listed here again as they are included in Term 2.
	CIS 280	Cooperative Work Experience: Computer Information Systems	2	F, W, S, SU	Instructor approval
	PSY 101	Psychology of Human Relations	3	F, W, S, SU	None
	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
Total Credits			90		

Program Advisor:

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.

****Approved Elective List:**

BA 101	Any term	4 credits
BA 214	F Su W	3 credits
BA 218	W	3 credits
BA 226	W S	4 credits
ENGR 111	F W S	3 credits
ENGR 112A	W	2 credits
ENGR 112B	S	1 credits
HPE 295	Any term	3 credits
WR 122	Any term	4 credits
WR 227	Any term	4 credits
Minimum credits from electives:		<u>3-4 credits required</u>