

Information Technology (2045) – Fall 2024

Semester:	1	15
ENGL 101	COMPOSITION & THE SPOKEN WORD	3
	Elective Mathematics -- Minimum MATH 121	3
CITA 163	SURVEY OF INFORMATION TECHNOLOGY	3
BSAD 100	INTRODUCTION TO BUSINESS	3
CITA 152	COMPUTER LOGIC	3
Semester:	2	16
MATH 141	STATISTICS	3
	GER 3 - Diversity: Equity, Inclusion, and Social Justice	3
	GER - Natural Science and Scientific Reasoning	3
CITA 170	COMPUTER CONCEPTS & OPERATING SYSTEMS	3
CITA 171	OPERATING SYSTEM USE & ADMINISTRATION	3
CITA 175	COMPUTER CONCEPTS & OPERATING SYSTEMS LAB	1
Semester:	3	17
CITA 180	INTRODUCTION TO PROGRAMMING	4
CITA 215	DATABASE APPLICATIONS AND CONCEPTS	3
CITA 220	DATA COMMUNICATIONS & NETWORK TECHNOLOGY	3
CITA 221	DATA COMMUNICATIONS & NETWORK TECHNOLOGY LAB	1
	GER Elective (7, 8, 9, 10, 11)	3
	ECON 101 PRINCIPLES OF MACROECONOMICS or ECON 103 PRINCIPLES OF MICROECONOMICS	3
Semester:	4	15
	GER Elective (7, 8, 9, 10, 11)	3
	GER Elective - Any	3
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CITA 204	SYSTEMS ANALYSIS & DESIGN	3
CYBR 250	INFORMATION SECURITY	3
Semester:	5	16
CITA 310	WEB SERVER ADMINISTRATION	3
SOET 361	PROJECT MANAGEMENT	3
CITA 300	MANAGEMENT INFORMATION SYSTEMS	3
ACCT 101	FOUNDATIONS OF FINANCIAL ACCOUNTING	4
BSAD 301	PRINCIPLES OF MANAGEMENT	3

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Semester:	6	15
	Program Elective - CITA/CYBR/GAME	3
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ECON 370	ENGINEERING ECONOMICS	3
	Program Elective Upper Level - CITA/CYBR/GAME	3
Semester:	7	16
CITA 440	NETWORK MANAGEMENT	3
CITA 441	NETWORK MANAGEMENT LAB	1
	Program Elective Upper Level - CITA/CYBR/GAME	3
	Elective Upper-Level Liberal Arts	3
	Elective Upper Level	3
	Elective	3
Semester:	8	15
CITA 460	INFORMATION TECHNOLOGY AND NETWORKED ECONOMY	3
SOET 477	CAPSTONE PROJECT	3
	CITA 480 Internship or 2 Upper-Level Electives - CITA/CYBR/GAME	6
CITA 330	EMERGING INFORMATION TECHNOLOGY APPLICATIONS	3
		125

All CITA courses presented for graduation must have a grade of C (or better) or transfer credit. No more than 3 CITA credits with a course number below CITA 150 may be used for credit towards graduation.