COMPUTER & INFORMATION TECHNOLOGIES

APPLICATIONS TRACK, GEOGRAPHIC INFORMATION SYSTEMS FOCUS

Technical Core Courses – 29 credit hours

COMPLETED	COURSE	PREREQUISITES[1]	OLD COURSE
	CIT 105 – Intro to Computers	RDG 020	CIS 100
	CIT 111 – Computer Hardware & Software	CIT 105 and MAT 120 (or MAT 126)	IT 105 & IT 205
	CIT 120 – Computational Thinking	CIT 105 and MAT 120 (or MAT 126)	CIS 120
	CIT 150 – Internet Technologies	CIT 105 and CIT 120	IT 132 or IT 130
	CIT 170 – Database Design Fundamentals	CIT 105 and MAT 120 (or MAT 126)	IT 170
	CIT 160 – Intro to Networking Concepts	MAT 065 and CIT 111	NIS 160
	CIT 180 – Security Fundamentals	CIT 105 and CIT 160	IT 250
	Level I Programming Language Course	CIT 120	
	CIT 291 – CIT Capstone	36 Credit Hours of CIT Courses	

Applications Track, Geographic Information Systems Courses – 21 credit hours

COMPLETED	COURSE	PREREQUISITES	OLD COURSE
	CIT 130 Productivity Software	CIT 105	CIS 130
	CIT 125 Introduction to GIS	CIT 105	
	CIT 225 GIS Software Tools	CIT 125 and CIT 170	
	CIT 229 Selected Topics in GIS	CIT 125	
	CIT 253 Data-Driven Web Pages: Topic	CIT 150 and CIT 170 and Level I Programming Language	IT 235
	Business or Management Course		
	CIT Technical Elective		

General Education Courses – 15 credit hours

COMPLETED	COURSE	PREREQUISITES
	ENG 101 – Writing I	ENC 090 and ENC 091 (or COMPASS placement in ENG 101)
	MAT 150 – College Algebra	MAT 055 and MAT 065 and MAT 085 (or COMPASS placement in MAT 150)
	Social Interaction	
	Heritage/Humanities/Foreign Language	
	Science	

TOTAL HOURS FOR THIS OPTION – 65 credit hours

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[1] All prerequisites include the following statement "or consent of instructor"