

COMPUTER & INFORMATION TECHNOLOGIES
PROGRAMMING TRACK, SOFTWARE DEVELOPMENT 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	

Programming Track, Software Development Courses – 24 credit hours

COMPLETED	COURSE	PREREQUISITES ¹	OLD COURSE
	CIT 130 Productivity Software	CIT 105	CIS 130
	CIT 253 Data-Driven Web Pages: Topic	CIT 150 and CIT 170 and Level I Prog Lang	IT 235
	CIT Technical Elective		
	CIT Technical Elective		
	Level I Programming Language Course	CIT 120	
	Level II Programming Language Course		
	Level II Programming Language Course		
	Level I, II or III Programming Language Course		

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 – 68 credit hours

¹ All prerequisites include the following statement “or consent of instructor”