

## HIGH SCHOOL-TO-COLLEGE PATHWAY

PATHWAY: <b>INFORMATION TECHNOLOGY</b>					ASSOCIATE OF APPLIED SCIENCE DEGREE			
HIGH SCHOOL PLAN								
SECONDARY	GRADE	English	Math	Science	Social Studies	Required Courses or Recommended CTE Electives	Career and Technical Courses	
	9	English I	Math I	Earth Science	World History	*Health/PE	Microsoft Word/PPT	
						*Career Mgmt./Personal Finance/PLTW		
	10	English II	Math II	Biology	Civics & Economics	Microsoft Excel	Project Management I	
	11	English III	Math III	Physics	US History I	Multimedia & Webpage Design	E-commerce I	
	12	English IV	4 <sup>th</sup> Math Course		US History II	NOS 110 Operating Sys Concepts	SEC 110 Security Concepts	
CTI 110 Web, Pgm, & DB Foundation						CTI 120 Network & Sec Foundation		
COMMUNITY COLLEGE PLAN								
Year 13								
POSTSECONDARY	Fall Semester	ACA 111 College Student Success	CTS 135 Integrated Software Intro	ENG 111 Writing & Inquiry	SEC 110 Security Concepts	CTI 110 Web, Pgm, & DB Foundation	CTI 120 Network & Sec Foundation	
	Spring Semester	ENG 114 Prof. Research & Report	NOS 110 Operating Sys Concepts	BUS 151 People Skills	WEB 210 Web Design	MAT 143 Quantitative Literacy	CTS 115 Info Sys Business Concepts	
	Year 14							
	Fall Semester	NOS 120 Linux/Unix Single User	DBA 110 Database Concepts	NET 125 Networking Basics	CSC 153 C# Programming	CTS 120 Hardware/Software Support	WEB 151 Mobile App Develop	
Spring Semester	CSC 151 Java Programming	CTS 289 System Support Project	NET 126 Routing Basics	Program Elective	Social Science Elective	Humanities/Fine Arts Elective		

**REQUIRED CREDIT HOURS FOR DEGREE: 71**

**HOURS REMAINING TO COMPLETE DEGREE: 53**

**RED ARTICULATED CREDIT: 3 HOURS**

**Yellow Recommended CTE: 15 HOURS**

**OCCUPATIONS:** Computer Operator, Systems Analyst, Help desk Technician, Computer Support Specialist, Technical Support Specialist, Web Designer.

**AVERAGE SALARY:** \$46,620

Upon completion of the pathway, the students will be awarded an **Information Technology Certificate** from SCC