



PROGRAM OF STUDY PATHWAY TEMPLATES 2010–2011

— CIS: MICROSOFT SECURITY SPECIALIST

COLLEGE: **Sinclair Community College**

HIGH SCHOOL(S): **Butler Tech, Ponitz CTC, Greene CCC,**

Greenville, MVCTC, Warren CCC



CAREER FIELD: **Information Technology**

PATHWAY: **Network Systems**

PROGRAM: **Microsoft Security Specialist**

100 Credit Hours - Associate of Applied Science

HIGH SCHOOL	Freshman	English I (1)	Integrated Algebra & Geometry or Algebra I (1)	Physical Science (1)	Social Studies (1)	Health (.5) P E (.5)	Career Exploration	Elective (1)
	Sophomore	English II (1)	Geometry (1)	Biology (1)	American History (1)	P E (.5) Elective (.5)	Business Management Foundations (.5)	Elective (1)
	Junior	English III (1)	Algebra II (1)	Chemistry (1)	American Govt (.5) Social Studies Elective (.5)	College Tech Prep Computer Info Systems (1)	College Tech Prep Computer Info Systems (1)	Elective (1)
	Senior	English IV (1)	Pre College Math (1)	Physics or alternate Science (1)	Elective (1)	College Tech Prep Computer Info Systems (1)	College Tech Prep Computer Info Systems (1)	Elective (1)

Take Accuplacer (reading, math, and writing). Visit Sinclair academic advising. Earn high school diploma. Complete pathway as designed.

Admission Requirements: **BIS 105 (3) - Computer Concepts; MAT 101 (4) - Elementary Algebra**

COLLEGE	1st Quarter	ENG 111 (3) or ENG 131 (3) English Composition or Business Comm	MAT 116 (5) or MAT 121 (5) College Algebra or Bus Analysis Math	SCC101 (2) Student Success Experience	■ CIS 107 (3) Intro to Operating Systems	■ BIS 160 (3) Intro to Word, PowerPoint, & Excel or →	BIS 161 (3) Intermediate Word, PowerPoint, & Excel	
	2nd Quarter	ENG 112 (3) or ENG 132 (3) English Composition II or Business Comm II	• MAT 122 (4) Statistics I	CIS 100 (2) CIS Student Orientation Success	CIS 230 (3) Computer Networks	CIS 111 (4) Intro to Problem Solving & Comp Programming		
	3rd Quarter	• COM206 (3) Interpersonal Communication	CIS 271 (4) Admin Microsoft Windows Client OS	CIS 265 (3) Database Management Systems	• COM 225 (3) Small Group Communication	CIS 272 (4) Microsoft Windows Server OS		
	4th Quarter	CIS 210 (3) Computer Systems Analysis	• LAW 101 (4) Business Law I	MAN 205 (3) Principles of Management	CIS 273 (4) Managing a Windows Network Infrastructure	CIS 274 (4) Windows Directory Services Admin		
	5th Quarter	• ECO 218 (4) Principles of Microeconomics	• ACC121 (5) Intro to Financial Accounting	CIS 253 (4) Securing Windows Network Environment	CIS 206 (3) Network Security I			
	6th Quarter	MRK 201 (3) Marketing I	CIS 257 (4) Micro-Internet Sec Acceleration (ISA) or →	CIS 259 (4) Designing Security for Windows Networks ← or	• Arts & Humanities Elective (3)	CIS 207 (3) Network Security II	CIS 278 (4) CIS Capstone	

This Tech Prep Template is a guide to program course selection. Sinclair academic advisors help students plan a course of study and schedule classes each quarter.

Credit-Based Transition Programs, such as dual enrollment, articulated courses 2+2 (+2)

♦ = high school to college • = community college to 4 year institution ■ = opportunity to test out

Required Courses (credit hours)

Recommended Elective Courses