

COLLEGE: **Sinclair Community College**

HIGH SCHOOL(S): Butler Tech, Greenville, Miami Valley CTC,

Warren CCC (Springboro, Kings, Little Miami)



CAREER FIELD: Information Technology

PATHWAY: Network Systems

CIS - Network Engineer Concentration

98 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)	Am Govt (.5) Social Studies Elective (.5)	College Tech Prep Computer Info Sysms (1)	College Tech Prep Computer Info Sysms (1)	Elective (1)
	Senior	English IV (1)	Statistics or Pre College Math (1)	Physics or Alternate Science (1)	Economics or Other Elective (1)	College Tech Prep Computer Info Sysms (1)	College Tech Prep Computer Info Sysms (1)	Elective (1)

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

Admission Requirements: BIS105 - Computer Concepts(3); MAT101 - Elementary Algebra (4)

COLLEGE	1st Quarter	ENG 111 or ENG 131 (3) Eng Comp I or Business Comm I	MAT 116 or MAT 121 (5) College Algebra or Math for Business Analysis	SCC 101 (2) Student Success Experience	■ CIS 107 (3) Intro to Operating Systems	■ BIS 160 (3) Intro to Word, Power Point, & Excel or →	BIS 161 (3) Intermediate Word, PowerPoint, & Excel ← or	
	2nd Quarter	ENG 112 or ENG 132 (3) Eng Comp II or Business Comm II	● MAT 122 (4) Statistics I	CIS 100 (2) CIS Orientation for Success	● COM 206 (3) Interpersonal Communication	CIS 111 (4) Intro to Problem Solving & Computer Programming		
	3rd Quarter	● Arts & Humanities Elective (3)	● COM 225 (3) Small Group Communication	CIS 265 (3) Database Management Systems	■ CIS 241 (7) CiscoNetworking Fundamentals			
	4th Quarter	CIS 210 (3) Computer Systems Analysis	● LAW 101 (4) Business Law I	MAN 205 (3) Principles of Management	■ CIS 242 (7) Cisco Router Fundamentals			
	5th Quarter	● ECO 218 (4) Principles of Microeconomics	● ACC 121 (5) Intro to Financial Accounting I	■ CIS 243 (7) Cisco Routing in LANs				
	6th Quarter	MRK 201 (3) Marketing I	CIS 270 (3) CIS Internship or Business Elective (3)	CIS 278 (4) CIS Capstone	■ CIS 244 (7) Cisco Routing in WANs			

* Sinclair converts to semesters in 2012-2013.
Visit www.sinclair.edu/semesters for new course names and credit hours.

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