



PROGRAM OF STUDY PATHWAY TEMPLATES 2011–2012
 — UNIVERSITY TRANSFER – WSU BACHELOR OF ARTS-COMPUTER SCIENCE *

COLLEGE: **Sinclair Community College**

CAREER FIELD: **Engineering & Science Technologies**

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

PATHWAY: **University Parallel**

Kettering Fairmont, Stebbins, Butler Tech,

PROGRAM: **University Transfer - WSU Bachelor of Arts in Computer Science**

Miami Valley Career Tech Center

105 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	Foreign Language I
	Sophomore	English II (1)	Geometry or Algebra II (1)	Biology (1)	American History (1)	Intro to Engineering Design (1)	P E (.5)	Foreign Language II
	Junior	English III (1)	Algebra II / Adv Algebra II & Trigonometry (1)	Physics I (1)	American Govt (.5) Social Studies Elective (.5)	College Tech Prep Engineering Technology (1)	College Tech Prep Engineering Technology (1)	Foreign Language III
	Senior	English IV (1)	Integrated College Math or Calculus (1)	Chemistry (1)	Elective (1)	College Tech Prep Engineering Technology (1)	College Tech Prep Engineering Technology (1)	Foreign Language IV

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

COLLEGE	1st Quarter	ENG 111 (3) English Composition I OR ENG 131 (3) Bus Comm	MAT 116 (5) College Algebra or MAT 121(4) Math. For Bus. Analysis	BIS 160 (3) or BIS 161 (3) Intro Word, PowerPoint or Int. Word, Powerpoint, Excel	CIS 107 (3) Intro. to Operating Systems	BU 101 (2) Student Success Experience			
	2nd Quarter	ENG 112 (3) English Composition II or ENG 132 (3) Bus Comm II	MAT 122 (5) Statistics I	CIS 111 (3) Intro to Problem Solving and Computer Programming	COM 225 (3) Small Group Communication	CIS 100 (2) Students Orientation for Success			
	3rd Quarter	CIS Concentration (3)	CIS 230 (3) Computer Networks	CIS 265 (3) DB Mgmt Systems	COM 206 (3) Interpersonal Communication	Humanities Elective (3)			
	Recommended Summer Term	MTH 257 (3) Discrete Math	Second-year Sinclair students should take MTH 257 at Wright State through the SOCHE cross-registration program. Consult a Sinclair advisor for more information.						
	4th Quarter	CS 210 (3) Computer Systems Analysis	CIS 280 (4) Intro to Java Programming I	LAW 101 (3) Bus Law	CIS 231 (3) Fundamentals of Linux	CIS Elective Recommend: CIS 268 (3) Database Management Systems			
	5th Quarter	ECO 216 (4) Prin of Macroeconomics	CIS 281 (4) Java Programming II	CIS Concentration (3)	ACC 121 (5) Prin of Accounting	MAN 205 (3) Prin of Mangement			
	6th Quarter	CIS Concentration (3)	MRK 201 Marketing I	CIS Capstone (4)	CIS 270 Internship (3) or Business Elective	CIS Concentration (3)			

*	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