



PROGRAM OF STUDY PATHWAY TEMPLATES 2011–2012
University Transfer - Math/Physics *

COLLEGE: **Sinclair Community College**

CAREER FIELD: **Engineering & Science**

HIGH SCHOOL(S): **Centerville, Butler Tech, Pontiz CTC**

PATHWAY: **University Transfer - Math/Physics**



Greenville, MVCTC, Stebbins, Greene CCC

PROGRAM: **Associate of Science: Concentration - Math/Physics**

Kettering Fairmont, Warren CCC

90 - 110 Credit Hours - SCC Associate of Science

HIGH SCHOOL	Freshman	English I (1)	Algebra I (1)	Biology I (1)	World History (1)	Health (.5) P.E. (.5)	Foreign Language (1)	
	Sophomore	English II (1)	Geometry (1)	Biology II (1)	American History (1)	P E (.5) Elective(.5)	Foreign Language (1)	
	Junior	English III (1)	Algebra II w/ Trig Functions (1)	Chemistry (1)	Am.Govt. (.5) Social Studies Elective (.5)	Additional Science Elective 11 (1)	Foreign Language (1)	ACT College Readiness Std. English - 18
	Senior	<u>English IV (1)</u>	<u>Calculus (1)</u>	Physics or Chem II or other AP lab science (1)	Elective (1)	Additional Science Elective 12 (1)	Foreign Language (1)	Math - 22 (Calculus - 27)

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	MAT 201 (5) Calculus & Analytic Geometry I	PHY 201 / 207 (6) General Physics I	SCC 101 (2) Student Success Experiences			
	2nd Quarter	ENG 112 (3) English Composition II	MAT 202 (5) Calculus & Analytic Geometry II	PHY 202 / 208 (6) General Physics II	Social Science Elective (3)			
	3rd Quarter	ENG 113 (3) English Composition III	MAT 203 (5) Calculus & Analytic Geometry III	PHY 203 / 209 (6) General Physics III	Arts & Humanities Elective (3)			
	4th Quarter	Social Science Elective (3)	MAT 204 (5) Calculus & Analytic Geometry IV	PHY 220 (5) Introduction to Computational Physics	If a Physics major take →	CHE 151/157 (5) General Chemistry I		
	5th Quarter	Social Science Elective (3)	Arts & Humanities Elective (3)	MAT 215 (5) Differential Equations	If a Physics major take →	CHE 152/158 (5) General Chemistry II		
	6th Quarter	COM 211 (3) Effective Speaking I	Arts & Humanities Elective (3)	MAT 216 (4) Elements of Linear Algebra	If a Physics major take →	CHE 153/159 (5) General Chemistry III		



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

Miami Valley Tech Prep articulation agreements w/ proficiency testing or portfolio review. University requirements - Transfer students must meet all institutional and degree requirements of native students at the receiving institution.

Required Courses (credit hours)

Recommended Elective Courses

Ohio's non-remediation guidelines