



MIAMI VALLEY
TECHPREP
CONSORTIUM



SINCLAIR
COLLEGE

PROGRAM OF STUDY PATHWAY TEMPLATES 2017-2018 *

COLLEGE: Sinclair College

ODE CAREER FIELD: Engineering & Science Technologies

ODE PATHWAY: Engineering & Design

SINCLAIR PROGRAM: Chemistry University Transfer

61 Credit Hours - Associate of Science

CHEE.S.AS

HIGH SCHOOL	Freshman	English I (1)	Algebra & Geometry or Algebra I (1)	Physical Science (1)	Social Studies (1)	Health (.5) Physical Education (.5)	Career Field Exploration	Fine Arts/Foreign Language/Business Elective (1)
	Sophomore	English II (1)	Geometry or Algebra II (1)	Biology or Life Science (1)	US History (1)	Technology Elective (1)	Career Pathway Foundation	Fine Arts/Foreign Language/Business Elective (1)
	Junior	English III (1)	Algebra II / Adv Algebra II & Trigonometry (1)	Advanced study in Life or Physical Science OR Earth/Space Science (1)	US Govt (.5) Economics and Financial Literacy Social Studies Elective (.5)	Career Tech Engineering & Science Technologies (1)	Career Tech Engineering & Science Technologies (1)	Career Tech Engineering & Science Technologies (1)
	Senior	English IV (1)	College Math or Calculus (1)	Physics (1)	Psychology, Sociology or Social Studies Elective (1)	Career Tech Engineering & Science Technologies (1)	Career Tech Engineering & Science Technologies (1)	Career Tech Engineering & Science Technologies (1)

Take ACT, SAT, or required Sinclair placement test. Visit Sinclair academic advising. Earn high school diploma. Complete pathway as designed.

COLLEGE	1st Semester	• CHE 1211 General Chemistry I (5)	• ENG 1101 English Composition I (3)	SCC 1101 First Year Experience (1)	• MAT 2270 Calculus & Analytic Geometry I (5)			
	2nd Semester	• CHE 1221 General Chemistry II (5)	• ENG 1201 English Composition II (3)	MET 1131 PC Applications for Engineering Technology (1)	• COM 2206 Interpersonal Communication (3)	OR • COM 2211 Effective Public Speaking (3)	OR • COM 2225 Small Group Communication (3)	
	3rd Semester	• CHE 2111 Organic Chemistry I (5)	• MAT 2290 Calculus & Analytic Geometry III (5)	Multicultural Elective (3)	• OTM Arts & Humanities Elective (6)			
	4th Semester	• CHE 2121 Organic Chemistry II (5)	• OTM Social & Behavioral Sciences Elective (6)	• MAT 2280 Calculus & Analytic Geometry II (5)				

• = Courses guaranteed to transfer to Ohio's public institutions of higher education

Indicates eligible college course opportunities via Proficiency credit or Articulated Award credit.

■ Indicates Career-Technical Assurance Guides (CTAG)-approved transfer credit. The high school or career center is responsible for sending the proper documentation, along with the Verification of Course/Program Completion form to the college in order for credits to be posted on a student's transcript.

Required Courses (credit hours)

Recommended Elective Courses

revised: 10/7/2017

Please note: This template does not provide department approved course sequences for students to follow. That is, the courses may be presented out of order. It is best for students to consult with an academic advisor in order to plan a semester by semester course schedule in order to meet the requirements for their certificates and degree programs.