MIAMI VALLEY TECHPREP CONSORTIUM — A great way to go to college!

SINCLAIR COLLEGE

PROGRAM OF STUDY PATHWAY TEMPLATES 2018-2019 ✳

COLLEGE: Sinclair College

ODE CAREER FIELD: Engineering & Science Technologies
ODE PATHWAY: Engineering & Design
SINCLAIR PROGRAM: Mathematics
60 Credit Hours - Associate of Science

MATE.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	● MAT 2270 Calculus & Analytic Geometry I (5)	● ENG 1101 English Composition I (3)	SCC 1101 First Year Experience (1)	Any Course in Catalog Elective (10)	
2nd Semester	● MAT 2280 Calculus & Analytic Geometry II (5)	● COM 2206 Interpersonal Communication (3) **OR**	● COM 2211 Effective Public Speaking (3) **OR**	● COM 2225 Small Group Communication (3)	● OTM Social & Behavioral Sciences Elective (6)
3rd Semester	● MAT 2290 Calculus & Analytic Geometry III (5)	● OTM Natural & Physical Sciences Elective (10)			
4th Semester	● MAT 2320 Linear Algebra (3)	Multicultural Elective (3)	● OTM Arts & Humanities Elective (6)		

● = 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: 7/19/2018

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.