

**COLLEGE:** Sinclair College

**ODE CAREER FIELD:** Engineering & Science Technologies

**ODE PATHWAY:** Engineering & Design

**SINCLAIR PROGRAM:** Engineering University Transfer

60-61 Credit Hours - Associate of Science

ESUP.S.AS

<b>HIGH SCHOOL</b>	<b>Freshman</b>	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)
	<b>Sophomore</b>	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)
	<b>Junior</b>	English III (1)	Algebra II / Adv Algebra II & Trigonometry (1)	Advanced study in Life or Physical Science <b>OR</b> 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)
	<b>Senior</b>	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.**

<b>COLLEGE</b>	<b>1st Semester</b>	• MAT 2270 Calculus & Analytic Geometry I (5)	• OTM Arts & Humanities Elective (6)	• ENG 1101 English Composition I (3)	• COM 2206 <b>OR</b> • COM 2211 Interpersonal Communication (3) Effective Public Speaking (3)		
	<b>2nd Semester</b>	• MAT 2280 Calculus & Analytic Geometry II (5)	• PHY 2201 General Physics I (5)	PHY 2207 Lab for General Physics I (0)			
	<b>3rd Semester</b>	• PHY 2202 General Physics II (5)	PHY 2208 Lab for Physics II (0)	• OTM Social & Behavioral Sciences Elective (6)	• MAT 2310 <b>OR</b> • MAT 2330 Elementary Differential Equations (4) Differential Equations & Linear Algebra (5)		
	<b>4th Semester</b>	Group 1 Elective (18) <b>OR</b> Group 2 Elective (18)					

• = 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.**