



MIAMI VALLEY  
**TECHPREP**  
CONSORTIUM



**SINCLAIR**  
COLLEGE

**COLLEGE:** Sinclair College

## PROGRAM OF STUDY PATHWAY TEMPLATES 2019-2020

**ODE CAREER FIELD:** Construction Technologies (includes Architecture)

**ODE PATHWAY:** Construction Design & Management

**SINCLAIR PROGRAM:** Construction Management Technology

60-61 Credit Hours - Associate of Applied Science

CMO.S.AAS

<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 Construction Technologies (1)	Career Tech Construction Technologies (1)	Career Tech Construction Technologies (1)
	<b>Senior</b>	English IV (1)	College Math or Calculus (1)	Physics (1)	Psychology, Sociology or Social Studies Elective (1)	Career Tech Construction Technologies (1)	Career Tech Construction Technologies (1)	Career Tech Construction 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>	CAT 1101 Architectural Drafting (3)	• ■ CAT 1201 Construction Methods & Materials (4)	• ENG 1101 English Composition I (3)	• MAT 1470 College Algebra (3) AND • MAT 1570 Trigonometry (3) <b>OR</b> • MAT 1580 Precalculus (5)	MET 1131 PC Applications for Engineering Technology (1)		
	<b>2nd Semester</b>	CAT 1121 Introduction to Revit & BIM (3)	CAT 1211 Construction Materials Testing (2)	CAT 1241 Building Systems (4)	CAT 1401 Construction Estimating (3)	• CAT 1501 Fundamentals of Surveying & Mapping (3)		
	<b>3rd Semester</b>	CAT 2700 Civil Architectural Technology Internship (2)						
	<b>4th Semester</b>	CAT 2401 Engineering Technology Project Management (3)	CAT 2411 Building Codes, Laws & Specifications (2)	• COM 2211 Effective Public Speaking (3)	EGV 2351 LEED Green Associate Exam Preparation (2)	• PHY 1141 College Physics I (3)		
	<b>5th Semester</b>	Construction Elective (5)	CAT 2782 Construction Management Technology Capstone (4)	MET 2711 Ethics for Engineering Technology Professionals (1)	• OTM Social & Behavioral Sciences Elective (3)			
• = Courses guaranteed to transfer to Ohio's public institutions of higher education								
■ 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: 7/24/2019

*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.*