

PROGRAM OF STUDY PATHWAY TEMPLATES 2019-2020

ODE CAREER FIELD: Construction Technologies (includes Architecture)

ODE PATHWAY: Construction Design & Management

SINCLAIR PROGRAM: Architectural Technology

60-61 Credit Hours - Associate of Applied Science

ARC.S.AAS

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 Construction Technologies (1)	Career Tech Construction Technologies (1)	Career Tech Construction Technologies (1)
	Senior	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.								
COLLEGE	1st Semester	CAT 1101 Architectural Drafting (3)	<ul style="list-style-type: none"> ■ CAT 1201 Construction Methods & Materials (4) 	<ul style="list-style-type: none"> • ENG 1101 English Composition I (3) 	<ul style="list-style-type: none"> • MAT 1470 College Algebra (3) AND • MAT 1570 Trigonometry (3) 	OR	<ul style="list-style-type: none"> • MAT 1580 Precalculus (5) 	MET 1131 PC Applications for Engineering Tech (1)
	2nd Semester	CAT Elective (3)	CAT 1121 Introduction to Revit & BIM (3)	CAT 1241 Building Systems (4)	EGV 1301 Architectural Energy Analysis (2)		<ul style="list-style-type: none"> • PHY 1141 College Physics I (4) 	
	3rd Semester	CAT Elective (2)	CAT 2101 Design in Revit (4)	CAT 2201 Advanced Revit (2)	CAT 2401 Engineering Technology Project Management (3)	EGV 2351 LEED Green Associate Exam Preparation (2)	<ul style="list-style-type: none"> • COM 2211 Effective Public Speaking (3) 	
	4th Semester	CAT Elective (2)	CAT 2700 Civil Architectural Technology Internship (2)	CAT 2780 Architectural Technology Capstone (4)	MET 2711 Ethics for Engineering Technology Professionals (1)	<ul style="list-style-type: none"> • OTM Social & Behavioral Sciences or Arts & Humanities Elective (3) 		
• = 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: 7/24/2019

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.