



PROGRAM OF STUDY PATHWAY TEMPLATES 2017-2018



COLLEGE: Sinclair College

ODE CAREER FIELD: Construction Technologies (includes Architecture)

ODE PATHWAY: Construction Design & Management

SINCLAIR PROGRAM: Construction Technician

18-24 Credit Hours - Short Term Certificate

CNTC.S.STC

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| 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.

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| COLLEGE | 1st Semester | CAT 1701 Construction Craft Skills/Concrete (6) OR CAT 1810 Construction Techniques I (NCCER Core) (3) | CAT 1721 Structural Framing Systems (6) OR CAT 1820 Construction Techniques II (NCCER Level 1) (3) | CAT 1741 Residential Electrical Systems (3) OR CAT 1830 Construction Techniques III (NCCER Level 2) (3) |
| | 2nd Semester | CAT 1761 Interior & Exterior Finishes (3) OR CAT 1840 Construction Techniques IV (NCCER Level 3) (3) | CAT 2700 Civil Architectural Technology Internship (2) OR ■ CAT 2431 OSHA Construction Standards (2) | CAT 1781 Construction Project (4) |

● = 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.