



PROGRAM OF STUDY PATHWAY TEMPLATES 2011-2012
— CONSTRUCTION MANAGEMENT *

COLLEGE: **Sinclair Community College**

HIGH SCHOOL(S): **Ponitz CTC, Greene CCC,**

Kettering Fairmont, Stebbins High School,

Miami Valley CTC, Warren CCC

CAREER FIELD: **Construction Technologies**

PATHWAY: **Construction Management**

PROGRAM: **Construction Management**

109 Credit Hours - Associate of Applied Arts



HIGH SCHOOL	Freshman	English I (1)	Integrated Algebra & Geometry or Algebra I (1)	Physical Science (1)	Social Studies (1)	Health (.5) P E (.5)	Career Exploration	Elective (1)
	Sophomore	English II (1)	Geometry or Algebra II (1)	Biology (1)	American History (1)	Introduction to Engineering Design (1)	P E (.5)	Elective (1)
	Junior	English III (1)	Algebra II or Adv Algebra & Trigonometry (1)	Conceptual Physics or Physics I (1)	American Govt (.5) Social Studies Elective (.5)	College Tech Prep Construction Tech (1)	College Tech Prep Construction Tech (1)	Technology: Word, PowerPoint, Excel (.5) Art (.5)
	Senior	<u>English IV (1)</u>	<u>Integrated College Math or Calculus (1)</u>	Chemistry (1)	Elective (1)	College Tech Prep Construction Tech (1)	College Tech Prep Construction Tech (1)	Elective (1)

Take Accuplacer (reading, math, and writing). Visit Sinclair academic advising. Earn high school diploma. Complete pathway as designed.

COLLEGE	1st Quarter	■ CAT 101 (3) Architectural Drafting	◆ CAT 145 (1) Intro to OSHA Const Standards	CAT 121 (3) Civil Construction Blueprints & Draft	CAT 110 (3) Intro to Civil & Architectural Tech	■ ETD 198 (2) PC Apps in Engineering	■ ETD 199 (2) Intro to CAD Concepts	SCC 101 Student Success Experience
	2nd Quarter	● COM 206 (3) Interpersonal Communication	CAT 131 (3) Properties of Const Materials	CAT 106 (3) Com Constr Methods & Materials	■ CAT 154, 153 or Elective (4)	■ CAT 105 (4) Residential Const Methods&Materials		
	3rd Quarter	● ENG 111 (3) English Comp I	CAT 123 (4) Basic Construction Surveying	CAT 201 (3) Intro to Revit Architecture	■ CAT 199 (4) or CAT Elective	CAT 216 (4) Construction Estimating		
	4th Quarter	● ENG112 (3) English Comp II	MAT 131 (5) Technical Mathematics I	CAT 255 (4) Engineering Tech Project Mgmt	CAT 221 (4) Topographic Surveying & Geom	CAT 207 (3) Architectural Building Codes		
	5th Quarter	● Social Science Elective (3)	● MAT 132 (5) Technical Math II	CAT 252 (3) Construction Law & Specifications	ETD 121 (2) Ethics for Engr Tech Professionals	◆ CAT 231 (3) OSHA Construction Standards	OPT 101 (3) Intro to Operations	
	6th Quarter	● Arts & Humanities Elective (3)	● PHY 131 (4) Technical Physics I	CAT 229 (3) Advanced Const Surveying	CAT 278 (4) Civil Architectural Capstone	CAT 270 (3) Civil Architectural Internship		



Sinclair converts to semesters in 2012-2013. Visit www.sinclair.edu/semesters for new course names and credit hours.

Credit-Based Transition Programs, such as dual enrollment, articulated courses 2+2 (+2)

◆ = high school to college ● = community college to 4 year institution ■ = opportunity to test out

Required Courses (credit hours)

Recommended Elective Courses