

COLLEGE: Sinclair Community College-MVTP Consortium

HIGH SCHOOL(S): Dayton Patterson, GreeneCCC,

CLUSTER: Construction & Architecture

PATHWAY: Construction & Architecture Technology



PROGRAM: Construction & Architecture-Civil Engineering

2009-2010

104 Credit Hours - SCC - Associate of Applied Arts



Stebbins,
Miami Valley Career Tech Center

ADULT LEARNER ENTRY POINTS

GRADE	ENGLISH	MATH	SCIENCE	SOCIAL STUDIES	REQUIRED COURSES				
					RECOMMENDED ELECTIVE COURSES		OTHER ELECTIVE COURSES		
CAREER AND TECHNICAL EDUCATION COURSES									
SECONDARY	9	English I (1)	Integrated Algebra & Geometry or Algebra I (1)	Physical Science (1)	Social Studies (1)	Health (.5) P E (.5)	Career Exploration integrated with English 9	Elective (1)	
	10	English II (1)	Geometry or Algebra II (1)	Biology (1)	American History (1)	Introduction to Engineering Design (1)	Technology Word-Ppt-Excel .5 Art .5	Elective (1)	
	11	English III (1)	Algebra II or Adv. Algebra II & Trigonometry (1)	Conceptual Physics or Physics I (1)	American Government (.5) Social Studies Elective (.5)	College Tech Prep Construction Tech (1)	College Tech Prep Construction Tech (1)	P E (.5)	
	In 11th grade, assess for college readiness by administering the "ACCUPLACER TEST" (Reading ,Math and Writing)								
	12	English IV (1)	Integrated College Math or Calculus (1)	Chemistry (1)	Elective (1)	College Tech Prep Construction Tech (1)	College Tech Prep Construction Tech (1)	Elective (1)	
Mandatory College Placement Assessment (Reading, Math and Writing), Sinclair Academic Advising # + State O.G.T.Requirement M									
POSTSECONDARY	1st Quarter	■Architectural Drafting CAT101 (3)	Technical Math I MAT131 (5)	■Residential Const Methods&Materials CAT105 (4)	Intro to Civil & Architectural Tech CAT110 (3)	■Personal Comp. Appl. in Engr-ETD198 (2)			
	2nd Quarter	●Interpersonal Communication COM206 (3)	●Technical Math II MAT132 (5)	Commercial Constr Methods&Materials CAT106 (3)	Civil Construction Blueprints&Draft CAT121 (2)	Properties of Const. Materials CAT131 (3)	■Intro to CAD Concepts ETD199 (2)		
	3rd Quarter	●English Comp I ENG111 (3)	Basic Construction Surveying CAT123 (4)	●Technical Physics I PHY131 (4)	Intro to Revit Architecture CAT201 (3)	Construction Estimating CAT216 (4)	Adv.Analytical Tools - Engr Tech ETD261 (2)		
	4th Quarter	●English Comp II ENG112 (3)	Engr Tech Project Management CAT255 (4)	Introduction to GIS & GPS CAT227 (3)	Topographic Surveying&Geom CAT221 (3)	Statics ETD213 (4)			
	5th Quarter	●Social Science Elective (3)	Subdivision Design CAT223 (4)	Ethics for Engr Tech Profess's ETD121 (2)	Strength of Materials ETD222 (4)				
	6th Quarter	●Humanities Elective (3)	Soil Mechanics CAT245 (4)	Advanced Const. Surveying CAT229 (3)	Civil Architectural Capstone CAT278 (4)	Civil Architectural Internship CAT270 (3)			
<p># The Tech Prep Template is a MAP to Program Course Selection. Sinclair Academic Advisors will assist students with individual course selections. Templates are precise for the year stated.</p>					Required Courses				
					Recommended Elective Courses				
					College and Technical Education Courses				
					Credit-Based Transition Programs (Dual/Concurrent Enrollment, Articulated Courses,2+2+2)				
					(◆=High School to Com. College) (●=Com.College to 4-Yr.Institution) (■ =Opportunity to test out)				
Mandatory Assessments, Sinclair Academic Advising, and State of Ohio Requirements									