

COLLEGE: **Sinclair Community College-MVTP Consortium**

CLUSTER: **ScienceTech,Engineering&Mathematics**



HIGH SCHOOL(S): **Centerville H. S., Ponitz CTC, GreeneCCC**

PATHWAY: **Engineering Technology**

League FOR INNOVATION IN THE COMMUNITY COLLEGE
Kettering Fairmont H.S., Stebbins H.S., Butler

PROGRAM: **Architectural Technology**

Tech, Miami Valley Career Technology Center

2009-2010

106 Credit Hours - SCC - Associate of Applied Arts

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 & Excel (.5) Art (.5)	Elective (1)		
	11	English III (1)	Algebra II / Adv. Algebra II & Trigonometry (1)	Chemistry (1)	Am. Govet (.5) Social Studies Elective (.5)	College Tech Prep Engineering Technology (1)	College Tech Prep Engineering Technology (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)	Physics I (1)	Elective (1)	College Tech Prep Engineering Technology (1)	College Tech Prep Engineering Technology (1)	Elective (1)		
Mandatory College Placement Assessment (Reading, Math and Writing) and Sinclair Academic Advising # + Passage of the State O.G.T. Requirement										
POSTSECONDARY	1st Quarter	Student Success Experience SCC101 (2)	Technical Mathematics I MAT131 (5)	■Architectural Drafting CAT101 (3)	Civil Constr Blueprint & Draft CAT121 (2)	Personal Computer ■Apps for Engr ETD198 (2)	Intro to Civil & Architectural Tech CAT110 (3)	Intro to Computer ■Aided Drafting ETD199 (2)		
	2nd Quarter	Properties of Constr Materials CAT131 (3)	●Technical Mathematics II MAT132 (5)	Architectural Detail ■Drafting CAT102 (3)	Residential Const Methods&Materials CAT105 (4)	Commercial Constr Methods&Materials CAT106 (3)				
	3rd Quarter	●English Comp I ENG111 (3)	Technical Physics I 131 (4)	●Interpersonal Communication Com206 (3)	Construction Estimating CAT216 (4)	Intro to Rivet Architecture CAT201 (3)				
	4th Quarter	●English Comp II ENG112 (3)	Statics ETD213 (4)	Engineering Tech Project Manage. CAT255 (4)	Architectural Building Codes CAT207 (3)	Residential Design with CAD CAT240 (4)				
	5th Quarter	●Social Science Elective (3)	Strength of Materials ETD222 (4)	Ethics for Engineering Tech ETD121 (2)	Commercial Design with CAD CAT241 (4)	Mechanical Syst. Design&Drawing CAD- CAT212 (4)				
	6th Quarter	●Arts&Humanities Elective (3)	Civil Architectural Internship CAT270 (3)	Architectural Energy Analysis CAT260 (3)	Soil Mechanics CAT245 (4)	Civil Architectural Capstone CAT278 (4)				
# 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.				Required Courses						
				Recommended Elective Courses						
				Career and Technical Education Courses						
				Credit-Based Transition Programs (e.g. Dual/Concurrent Enrollment, Articulated Courses 2+2 (+2) (●=High School to College) (●=Com. College to 4yr. Institution) (■=Opportunity to test out)						
				Mandatory Assessments, Sinclair Academic Advising, and State of Ohio Requirements						