

COLLEGE: Sinclair Community College-MVTP Consortium

CLUSTER: ScienceTech,Engineering&Mathematics



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

PATHWAY: Engineering Technology

Kettering Fairmont H.S., Stebbins H.S.,Butler

PROGRAM: Electronics Engineering Technology - Computer Option

Tech, Miami Valley Career Technology Center

2009-2010

105- SCC - Credit Hours - Associate of Applied Science



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)	Physics I (1)	Am.Govt(.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)	Chemistry (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 SinclairAcademic Advising # + Passage of theState O.G.T.Requirement										
POSTSECONDARY	1st Quarter	Student Success Experience SCC101 (2)	•Technical Math I MAT131 (5)	Basic Electronic Measurements EET114 (4)	Electronics Schematics&Lay. EET116 (4)	Personal Computer ♦Apps for Engr ETD198 (2)				
	2nd Quarter	•English Composition I ENG111 (3)	•Technical Math II MAT132 (5)	D.C. Circuits EET150 (4)	P.C. Assembly EET164 (3)	Digital Logic & Circuits EET131 (4)				
	3rd Quarter	•English Composition II ENG112 (3)	Programming for Electronics Tech EET159 (3)	A. C. Circuits EET155 (4)	Pbasic & Stamp EGR161 (3)	Digital Systems I EET251 (4)				
	4th Quarter	•Interpersonal Communication COM206 (3)	Technical Physics I PHY131 (4)	Electronics I EET201 (4)	Microprocessor MicrocontrollerSys EET261 (4)	P.C. Troubleshooting & Repair EET264(3)				
	5th Quarter	•Arts&Humanities Elective (3)	Technical Physics II PHY132 (4)	Engr. Problem Solving Using"C" EGR261 (4)	Alternative Oper Sys & Applications EET271(3)	P.C. II Troubleshooting & Repair EET265 (3)				
	6th Quarter	•Social Studies Elective (3)	Microprocessor Applications EET262 (4)	Electronics Project Capstone EET278 (4)	Electronics Engr Tech Internship EET270 (3)	P.C. Based Engr.Systems EET272 (3)				
<p># <u>The Tech Prep Template is a MAP to Program Course Selection.</u> Sinclair Academic Advisors will assist students with individual course selections. Templates are precise for the year stated.</p>				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										