

**COLLEGE:** Sinclair Community College-MVTP Consortium  
**HIGH SCHOOL(S):** Centerville, Dayton Career Center,  
 Kettering Fairmont, Stebbins,  
 Miami Valley Career Technology Center

**CLUSTER:** Industrial & Engineering  
**PATHWAY:** Engineering Technology  
**PROGRAM:** Electronics Engineering Technology



ADULT LEARNER ENTRY POINTS

	GRADE	ENGLISH	MATH	SCIENCE	SOCIAL STUDIES	REQUIRED COURSES			
						RECOMMENDED ELECTIVE COURSES	OTHER ELECTIVE COURSES	CAREER AND TECHNICAL EDUCATION COURSES	
<b>SECONDARY</b>	9	English I (1)	Integrated Algebra & Geometry or Algebra I (1)	Physical Science (1)	World History (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 or Adv. Algebra II & Trigonometry (1)	Conceptual Physics or Physics I (1)	American Government (.5) Social Studies Elective (.5)	♦Tech Prep Engineering Tech (1)	♦Tech Prep Engineering 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)	♦Tech Prep Engr Electrical Circuits (1)	•Tech Prep Engr PC Applications in Engineering (1)	Elective (1)	
<b>Mandatory College Placement Assessment (Reading, Math and Writing) and Acad. Advising + State O.G.T.Requirement M</b>									
<b>POSTSECONDARY</b>	Year 1 1st Quarter	•English Comp I ENG111 (3)	•Mathematics 131 Technical Math I (5)	Succeeding in Engineering EGR160 (1)		♦Personal Comp. Appl. in Engr-ETD198 (2)	♦Basic Electronic Measurements EET114 (3)		
	Year 1 2nd Quarter	•English Comp II ENG112 (3)	•Mathematics 132 Technical Math II (5)	•Social Studies Elective (3)		♦Electrical Circuits Instruments I EET150 (4)	Electronics Schematics & Layouts EET116(3)		
	Year 1 3rd Quarter	•English Comp III ENG113 (3)	•Mathematics 133 Technical Math III (5)	Technical Physics I - 131 (4)	•Social Studies Elective (3)	Electrical Circuits & Instruments II EET155 (4)	Programming for Electronics Tech EET259 (3)		
	Year 2 1st Quarter	Interpersonal Communication COM206 (3)		Technical Physics II - 132 (4)	Electronics I EET201 (4)	Electrical Circuits & Instruments III EET205 (3)	Digital Logic & Circuits EET231 (4)		
	Year 2 2nd Quarter		EET Elective (3)	Linear Integrated Circuits EET207 (4)	Electronics II EET202 (3)	Microprocessors Microncontrollers EET261 (4)	Digital Systems I EET251 (4)		
	Year 2 3rd Quarter	General Education ♦Elective (3)	EET Elective (3)		Electronics Capstone Project EET278 (4)	Microprocessor Applications EET262 (4)	Digital Systems II EET252 (4)		



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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, Advising, and Additional Preparation