

COLLEGE: **Sinclair Community College-MVTP Consortium**
 HIGH SCHOOL(S): **Centerville H.S., Pontiz CTC, GreeneCCC**
Kettering Fairmont H.S., Stebbins H.S., Butler
Tech, Miami Valley Career Tech Center

CLUSTER: **ScienceTech, Engineering&Mathematics**
 PATHWAY: **University Parallel**
 PROGRAM: **Engineering Science - University Parallel**



2009-2010

105 Credit Hours - SCC 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 Sinclair Academic Advising # + Passage of the State O.G.T. Requirement												
POSTSECONDARY	1st Quarter	●English Comp I ENG111 (3)	●Calculus & Analytic Geometry I MAT201 (5)	●General Physics I PHY201 (6)	Intro Math for Engineering App. SME 101 (5)		■Print Reading with GD T ETD128 (3)					
	2nd Quarter	●English Comp II ENG112 (3)	●Calculus & Analytic Geometry II MAT202 (5)	●General Physics II PHY202 (6)	●Social Study Elective (3)							
	3rd Quarter	●English Comp III ENG113 (3)	●Calculus & Analytic Geometry I II MAT203 (5)	●General Physics III PHY203 (6)	●General Chemistry I CHE151 (5)							
	4th Quarter	●Effective Speaking I COM211 (3)	Differential Equations MAT215 (5)	●Arts&Humanities Elective (3)	●Arts&Humanities Elective (3)	●Social Study Elective (3)						
	5th Quarter	Statics - Calculus Based ETD211 (5)	Elements of Linear Algebra MAT216 (4)	Engineering Technical Elective (3)	Engineering Technical Elective (3)							
	6th Quarter	●Social Science Elective (3)	Engineering Technical Elective (3)	●Arts&Humanities Elective (3)	Dynamics - Calculus Based ETD212 (5)	Scientific Thought & Method SME110 (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								