

COLLEGE: Sinclair Community College-MVTP Consortium

CLUSTER: ScienceTech,Engineering&Mathematics



HIGH SCHOOL(S): Miami Valley Career Technical Center

PATHWAY: Engineering Technology

Ohio High Pt Career Center

PROGRAM: AviationTechnology



2009-2010

90 - 95 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-PPT-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)	●College Algebra MAT116(5) or Tech Math I 131 (5)	Orientation to Aviation AVT105 (3)	Developments in Aviation AVT125 (3)	■Pers.Computer Appl's-Engineering ETD198 (2)						
	2nd Quarter	●Arts&Humanities Elective (3)	●Trigonometry MAT117(5) or Tech Math II 132 (5)	Navigation Science I AVT111 (3)	Aviation Law AVT245 (3)							
	3rd Quarter	●English Comp II ENG112 (3)	●College Physics PHY141 (4) or Tech Physics I 131	Aviation Meterology AVT119 (3)	Aviation Tech Elective (3)	Aviation Internship AVT270 (3)						
	4th Quarter	Aviation Track Elective (3-4)	Engineering Technical Elective (3)	Engineering Technical Elective (3)	Engineering Technical Elective (3)	Navigation Science II AVT211 (3)						
	5th Quarter	●Social Science Elective (3)	AVT Track Elective AVT (3-4)	Aircraft Accident Investigation AVT242 (3)	Human Factors in Aviation AVT240 (3)	Aerodynamics AVT206 (3)						
	6th Quarter	●Interpersonal Communication COM206 (3)	Flight Control Systems AVT247 (3)	Aviation TrackElective AVT (3-4)	Aviation Management AVT205 (3)	Aviation TrackElective AVT (3-4)						
<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								
				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												