

COLLEGE: Sinclair Community College-MVTP Consortium

HIGH SCHOOL(S): Miami Valley Technical Career Center

Ohio High Pt. Career Center

CLUSTER: ScienceTech,Engineering&Mathematics

PATHWAY: Engineering Technology

PROGRAM: AviationTechnology Professional Pilot&Airway Science



2009-2010

103-104Credit 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-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		●College Algebra MAT116 or Tech Math I 131(5)	Ground School / Private Pilot AVT110 (4)	Navigation Science I AVT111 (3)	Private Pilot Flight AVT124 (4)	■Per. Computer Appl - Engineering ETD198 (2)		
	2nd Quarter	●English Comp I ENG111 (3)	Crew Resource Management AVT150 (2)	Instrument Flight AVT220 (2)	Instrument Pilot Flight AVT224 (4)	Orientation to Aviation AVT105 (3)	Instrument Pilot Ground School AVT170 (5)		
	3rd Quarter	●English Comp II ENG112 (3)	●Trigonometry MAT117(5) or Tech Math II 132(5)		Navigation Science II AVT211 (3)	Aviation Meterology AVT119 (3)	Developments in Aviation AVT125 (3)		
	4th Quarter	Commercial Pilot Ground School AVT250 (4)	Commercial Pilot Flight AVT263 (4)	●College Physics PHY141 (4) or Tech Physics 131	●Arts&Humanities Elective (3)	Aircraft Accident Investigation AVT242 (3)			
	5th Quarter	●Social Science Elective (3)	Multi-engine Pilot Ground School AVT255 (4)	Aerodynamics AVT206 (3)	Human Factors in Aviation AVT240 (3)	Multi-Engine Pilot Flight AVT266 (4)			
		●Interpersonal Communication COM206 (3)	Flight Instructor Ground School AVT258 (4)	Flight Controls AVT247 (3)	Flight Instructor Flight Course AVT269 (4)	Aviation Internship AVT270 (3)			
<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				