

COLLEGE: Sinclair Community College-MVTP Consortium

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

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

Tech, Miami Valley Career Tech Center

CLUSTER: ScienceTech,Engineering&Mathematics

PATHWAY: Engineering Technology

PROGRAM: Operations Technology



2009-2010

106 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 Sinclair Academic Advising # + Passage of the State O.G.T. Requirement										
POSTSECONDARY	1st Quarter	●English Comp. I ENG111 (3)	Technical Mathematics I MAT131 (5)	Intro to OSHA Gen IndustryStandards OPT105 (1)	Supervision & Team Leadership OP126 (3)	Intro World-Class Operations OPT125 (3)	Introduction to Operations OPT101 (3)			
	2nd Quarter	●English Comp. II ENG112 (3)	Operations Processes OPT204 (3)	Ergonomics OPT112 (3)	Lean Operations OPT130 (3)	Excel for Engineering Tech OPT198 (2)	■Print Reading with GD&T ETD128 (3)			
	3rd Quarter	●English Comp III ENG113 (3)	Introduction to Chemistry CHE120 (4)	Operations Work Measurement OPT110 (2)	Operations Project Management OPT212 (3)	Operations Tech Elective (3)	■Intro to Computer Aided Drafting ETD199 (2)			
	4th Quarter	●Interpersonal Comm Com206 (3) or EffPubSpeaking	Operations Systems Analysis OPT207 (3)	Statistical Process Control OPT201(3)	Manufacturing Processes OPT205 (3)	Operations Tech Elective (3)	Operations Cost Analysis OPT209 (3)			
	5th Quarter	●Arts&Humanities Elective (3)	Quality Assurance OPT221(4)	Engineering Tech Economics OPT208 (3)	Supply Chain Oper. & Logistics OPT251 (5)	Six Sigma - Green Belt OPT240 (3)				
	6th Quarter	●Arts&Humanities Elective (3)	Value Analysis OPT206 (3)	Facilities Planning OPT216 (3)	ISO9000/16949 QualitySysAuditing OPT223 (3)	Operations Tech Capstone OPT278 (3)	QualityCertification Review OPT267 (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					