

COLLEGE: **Sinclair Community College-MVTP Consortium**

HIGH SCHOOL(S): Centerville HS, Pontiz CTC, Kettering Fairmont HS,

CLUSTER: Science Tech, Engineering & Mathematics

PATHWAY: **Biotechnology University Parallel**



Miami Valley CTC, Springfield HS, Stebbins HS

PROGRAM: **Associate of Science Degree**

Butler T (Talawanda), GreeneCCC, Ohio High Pt

2009-2010

96 SCC - Credit Hours

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)	P E (.5) Elective (.5)	■Technology Word & Excel (.5) +Elective (.5)	Elective (1)		
	11	English III (1)	Algebra II / Adv. Algebra II & Trigonometry (1)	Chemistry (1)	Am. Govt. (.5) Social Studies +Elective (.5)	College Tech Prep Biotechnology (1)	College Tech Prep Biotechnology (1)	Elective (1)		
	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)	■Human Biology- Anatomy (1)	Elective (1)	College Tech Prep Biotechnology (1)	College Tech Prep Biotechnology (1)	Elective (1)		
Mandatory College Placement Assessment (Reading, Math and Writing) , Sinclair Academic Advising # + Passage of the State O.G.T. Requirement										
POSTSECONDARY	1st Quarter	◆Introduction to Biotech&Bioethics BTN110 (3)	●College Algebra 116 (5)	General Chemistry I ● CHEM151 (5)	◆Lab Safety & Regulatory Compl BTN120 (3)	Student Success SCC101 (2)	■Human Biology Bio107 (5)	■PC Applications BIS160 (3)		
	2nd Quarter	●English Composition I ENG111 (3)	●Art/Humanities Elective (3)	●General Biology I & Lab BIO171 (4)	Bio Reagents Preparation BTN130 (4)					
	3rd Quarter	●English Composition II ENG112 (3)	Cell Culture & Lab BTN140 (3)	General Biology I I ● & Lab BIO172 (4)	Introduction to Biochem. & Lab CHE122 (4)					
	4th Quarter	●Effect-Speaking COM211 (3) or S.M G Comm(3)	●Art/Humanities Elective (3)	Protein Purification and Analysis BTN210 (6)	●Sociology/Psy Elective (3)					
	5th Quarter	●English Composition I I I ENG113 (3)	Molecular Biology Techniques BTN230 (6)	General Biology III ● & Lab BIO173 (4)	Biotechnology Careers BTN201 (2)					
	6th Quarter	●Multicultural Elective (3)	●Sociology/Psy Elective (3)	Microbiology & Fermentation Tech BTN220 (4)	HPLC Methods BTN235 (2)	Bioinformatics & Lab BTN240 (3)				
# 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						