

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

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

Miami Valley CTC, Springfield HS, Stebbins HS

Butler T. (Talawanda) GreeneCCC, Ohio High Pt.

CLUSTER: Science Tech, Engineering & Mathematics

PATHWAY: Biotechnology Laboratory Technology

PROGRAM: **Associate of Applied Science Degree in Biotechnology**

95 SCC - Credit Hours



2009-2010

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)	Math for Health Occupations Math 106 (4)	Introduction to Chemistry Chem120 (4)	◆Lab Safety & Regulatory Compl BTN120 (3)	■Human Biology Bio107 (5)				
	2nd Quarter	●English Composition I ENG111 (3)	●Multicultural Elective (3)	General Biology I Lab BIO111 (4)	Bio Reagents Preparation BTN130 (4)					
	3rd Quarter	●English Composition II ENG112 (3)	Cell Culture & Lab BTN140 (3)	General Biology I I & Lab BIO112 (4)	Introduction to Biochem. & Lab CHE122 (4)	●Art/Humanities Elective (3)				
	4th Quarter	●Effect-Speaking COM211 (3) or S.M G Comm(3)	●Art/Humanities Elective (3)	■PC Applications BIS160 (3)	Protein Purification and Analysis BTN210 (6)					
	5th Quarter	General Education ●Elective (3)	Molecular Biology Techniques BTN230 (6)	General BiologyIII & Lab BIO113 (4)	Biotechnology Careers BTN201 (2)					
	6th Quarter	Microbiology & Fermentation Tech BTN220 (4)	●Sociology/Psy Elective (3)	HPLC Methods BTN235 (2)	General Education ●Elective (3)	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										