

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 **University Parallel**

PROGRAM: **Associate of Science Degree**

96 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)	●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)				
<b># The Tech Prep Template is a MAP to Program Course Selection.</b> Sinclair Academic Advisors will assist students with individual course selections. Templates are precise for the year stated.				<b>Required Courses</b> <b>Recommended Elective Courses</b> <b>Career and Technical Education Courses</b> 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										