

Biotechnology Tech Prep



Program Highlights

- Microbiology
- Biosafety
- Bioethics
- Career Exploration
- Molecular Research Techniques
- Laboratory Instrumentation
- Forensic Investigation
- Computer Skills

Special Features

- College Tech Prep Program
- Early College Connection
- Field Site Work Experience
- Internships
- HOSA

Career Opportunities

- Lab Assistant
- Biotech Lab Technician
- Entry-Level Health Care Employee
- Advanced Placement in Post-Secondary Education

Job Outlook

Employment in Biotechnology is expected to increase through 2014 because of the growth in scientific and medical research, development of technical products, and the increase in agricultural and medical products.

Career Pathway To

Associate of Applied Science Degree
 Biotechnology Technician,
 Bioinformatics, Research Laboratory Technician, Geneticist, Pharmacist, Molecular Chemist

ADDITIONAL PROGRAM HIGHLIGHTS

CAREER PROGRAM ARTICULATIONS

Colleges listed in this section allow selected credits earned in this career program at MVCTC to be transferable to the partner college. These credits are applied toward a degree. Number of college credits subject to change.

Sinclair Community College - 18 credits

ORGANIZATIONAL AFFILIATIONS

This career program has affiliations with these organizations.

Health Occupations Students of America (HOSA)
 Miami Valley Tech Prep Consortium

For more information contact your Guidance Counselor or:



Miami Valley Career Technology Center
 6800 Hoke Road Clayton, OH 45315-9740
 Toll Free 1 877-766-8282 or 937-854-6390
 or www.mvctc.com



The MVCTC is dedicated to providing equal admission opportunities, equal educational opportunities, and equal employment opportunities without regard to race, religion, color, national origin, ancestry, age, sex, sexual orientation, handicap, marital status, or veteran status.

2010-2011

Biotechnology

TECH PREP

Level 1	Level 2
Lab - Required	Lab - Required
English Students will take courses to meet the Ohio Core requirements	English Students will take courses to meet the Ohio Core requirements
Math Students will take courses to meet the Ohio Core requirements	Dual Credit College Academic Writing & Reading Dual Credit College Writing in Academic Discourse
Science Students will take courses to meet the Ohio Core requirements	Math Students will take courses to meet the Ohio Core requirements Dual Credit College Algebra/Statistics if requirements met or Pre-Calculus Dual Credit College Pre-Calculus
	Science Students will take courses to meet the Ohio Core requirements
	Social Studies Students will take courses to meet the Ohio Core requirements Dual Credit Economic Life

For more information about the Ohio Core, go to www.ode.state.oh.us and use the keywords search: Ohio Core. All students attending MVCTC a full day have an opportunity to earn up to eight high school credits.

College Tech Prep:

- College Tech Prep students must have a C or better in Algebra I by the end of the junior year.
- Students enrolled in Allied Health Technologies Tech Prep, Biotechnology Tech Prep and Sports Medicine Tech Prep must have a C or better in Biology by the end of the junior year.
- College Tech Prep students must complete Algebra II before graduation.

Dual Credit:

Dual enrollment is not PSEO. Dual Enrollment allows students the opportunity to remain on the MVCTC campus, take a college-level course during the school day and earn both high school and college credit.

Courses Subject to Change