



Biotechnology Pathway

Tech Prep Advantages

Get a head start on your college education & career.

May be eligible for a Sinclair Tech Prep Scholarship.

May earn college credits while still in high school.

May participate in co-op and mentoring programs.

Prepare for a high-demand, high-paying career.

To Qualify

In order to qualify for this Tech Prep program, a student must have met the following qualifications by the end of the sophomore year of high school: Completed college prep algebra with a "C" or better, completed 2 science credits (including biology) with a "C" or better, earned a minimum 2.0 G.P.A., and have junior standing with no academic deficiencies. Preferences for

entering a Tech Prep program include computer keyboarding skills and good attendance.

11th and 12th Grade Tech Prep Classes

Biotechnology Class/Labs include introduction to biotechnology & bioethics, laboratory safety and regulatory compliance, biological reagents preparation, laboratory protocol procedures, computer literacy, word processing, presentation software, and spread sheet. Students will be engaged in contextual team tasks, one of which will be their annual capstone project. College prep academics include chemistry, algebra II, English III & IV, social studies, and human biology (anatomy/physiology).

College

Earn an Associate of Applied Science in Biotechnology from Sinclair Community College.

Students who wish to pursue a Liberal Arts and Sciences Bachelor's degree may tap into articulation agreements

between Sinclair Community College and other Ohio four-year colleges. To pursue a four-year option, students will need to contact the Sinclair Liberal Arts and Sciences counseling office and also the four-year transfer institution.

Career Prospects

Job opportunities are expected to be best for qualified graduates of science technician training programs or applied science technology programs who are well trained on equipment used in industrial and government laboratories and production facilities. The starting salary in 2001 for a biological science technician was \$32,753 (according to the U.S. Department of Labor). Fast growth is expected in this profession.



MIAMI VALLEY
TECHPREP
CONSORTIUM

Tech Prep is a great way to go to college!

For further information, contact your guidance counselor, call the Tech Prep office at (937) 512-5146 or visit us on the web at www.mvtechprep.org.