



BIOTECHNOLOGY

Description

The Biotechnology Program prepares students for entry level positions in a wide range of bio-science career pathways. Biotechnology is a science that harnesses cellular and biomolecular processes to develop technologies and products that help improve our lives and the health of our planet. Students learn theory of how biotechnology is applied in medicine, agriculture, industry, and environmental systems. They explore techniques in DNA analysis, microbiology, biochemistry, plant tissue culture, forensics, genetic engineering, pharmaceutical production, Bioremediation, and more. Students learn the skills to be a part of the breakthroughs in diagnosing and combating debilitating diseases, reducing our environmental impact, feeding the hungry, using cleaner energy and having safer and efficient industry processes.

Employment Options

Additional training may be required for some options listed: Biological Science Laboratory Technician, Biological Technician, Environmental Technician, Laboratory Technician, Research Assistant, Research Associate, Research Specialist, Research Technician, Resource Biologist, Wildlife Biology Technician - Approximate Pay Potential: \$12-35 per hour.

Courses

Microbiology
Biotechnology I
Biotechnology II
Survey of Biotechnology

Prerequisites

None



Contact Student Services
for current tuition rates
and enrollment options
580-223-2070

Application

Applicants must complete a SouthernTech Application for Admission. Additional information and applications are available at the SouthernTech campus and online at www.sotech.edu. Enrollment for this program is open to adults and partnering High Schools (juniors/seniors).

Tuition

In-District Secondary Student: Free. Post-secondary Student (in-district): \$2.50 per hour; Post-secondary Student (Out-of-District): \$5 per hour; and Post-secondary Student (Out-of-State): \$7.50 per hour. Additional costs may include books, supplies, and miscellaneous fees.

Financial Aid and Scholarships

This program is not yet approved for Federal Financial Aid; scholarships may be available.

Student Organization

SkillsUSA

Schedule

Postsecondary: 8:00-11:00 AM or 12:45-3:45 PM

Secondary: 8:00-11:00 AM or 12:45-3:45 PM



Targeted Certifications or Credentials

BASE (Biotechnician Assistant Credentialing Exam)
National Occupational Certification Testing Institute (NOTCI):
Biotechnology

Certifications may vary by Program and are subject to change without notice.



Visit our Career Coach for career employment information:



**SOUTHERN
TECH**

www.sotech.edu

SouthernTech is an equal opportunity institution in accordance with civil rights legislation and does not discriminate based on race, color, religion, national origin, sex/gender, age, marital or veteran status, or disability in the operation of its educational programs, activities, recruitment, and admission practices. Concerns regarding this policy should be addressed to the Human Resource Director, 2610 Sam Noble Parkway, Ardmore, OK 73401.