



Bioscience Technology



IS THIS YOU?

- Do you like solving problems?
- Like working in a lab?
- Using advanced science equipment?
- Like research and experimentation?
- Excels in high school science class?
- Interested in plants and animals?
- Want to pursue careers related to health, environment or solving crime cases?



LEARN BY DOING:

- Lab techniques and safety
- Micropipetting
- Microscopy and gel electrophoresis
- Inoculating and streaking agar plates
- Plant and animal biotechnology
- Microbiology
- Applications of genetics



CAREERS:

- Research Scientist
- Laboratory Animal Technician
- Microbiologist
- Quality control Associate Scientist
- Process Development Scientist
- Animal Research Facility Manager
- Process Technician
- Immunologist



PROGRAM BENEFITS:

- Advanced content knowledge
- Advanced science lab
- Opportunities for college credit, internships
- Partnerships with business and industry

A Day at the Fort:

Year 1: Students are introduced to the Principles and Practices of Bioscience as well as Animal and Plant Biotechnology. The focus is on lab skills and technology. Time in the classroom is divided between coursework and lab time.

Year 2: Students continue to spend time on curriculum as well as in the lab. The focus in the second year of the program is on Genetics of Plants and Animals as well as Bioscience Research.

About Us:

- Advanced Science Lab
- Research and experimentation opportunities
- Team based work
- Hands on interactive research driven strategies



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Things You'll Do:

- Bacterial Staining
- Pipetting
- Genetic Studies
- Agricultural Experiments
- Senior Projects