

## **BIOTECH**

@ Countryside High 9-12



## INSTITUTE FOR SCIENCE, TECHNOLOGY, ENGINEERING & MATHEMATICS COUNTRYSIDE HIGH SCHOOL

- Biotechnology is the utilization of living organisms or their derivatives, such as DNA, proteins, or cells, to make or modify new products or processes.
- Biotechnology is "DIVERSE" in application; these techniques are used in research and industry in agriculture, pharmacology, bioinformatics, environmental and many more sciences.
- Biotechnology offers students opportunities to prepare for technical career paths and/or entrance to a variety of University programs.

## **BioTech Curriculum Highlights**

- Rigorous 4-year academic program emphasizing STEM
  - Advanced Mathematics
  - ✓ Advanced Science
  - Research
  - Engineering Technology
- Biotechnology I, II, III, IV courses
- State-of-the art biotechnology lab
- Field trips to innovative biotechnology companies in Tampa Bay area and elsewhere
- Guest speakers
- Biotechnician Assistant Credential Exam (BACE)



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**Biotechnology** 



