

CELL BIOTECHNOLOGY & FORENSICS

CHS, NCAA

Requirement area: **CTE, Science or Elective**

Course code: SCB200 (CHS—BIOL&211)

Grade Level: 10,11,12

Prerequisite: Successful completion of Biology

Length: Year long (1.0 credit)

Homework: 0-1 hour per week

Designator: NCAA, CHS

Description: Explore current trends and technical skills in Biotechnology and Forensics including debating the related Bioethical issues. Interact with industry professionals. Investigate associated career fields and work both individually and in groups with a focus on leadership and communication skills. Topics may include: DNA/Genetic engineering, GMOs, stem cells, pharmacology, drug analysis, serology, pharmacology, euthanasia and more. Field trips each semester involve real-world situations, and the final exams are project-based including solving a mock crime scene using knowledge and skills learned throughout the year.