



PLTW BIOMEDICAL SCIENCE

PLTW BIOMEDICAL SCIENCE I

DOE CODE: 5218 5216 5276

Dual Credit Courses

Principles of Biomedical Sciences (BIOL 10011)
Human Body Body (BIOL 10012)

Three credits per Dual Credit Course

PLTW BIOMEDICAL SCIENCE II

DOE CODE: 5217 5219

Dual Credit Courses

Medical Intervention (BIOL 10013)

Three credits per Dual Credit Course



High School Credit Courses (Year I & II)

5218 PLTW Principles of the Biomedical Sciences*

5216 PLTW Human Body Systems*

5276 Anatomy & Physiology *

5217 PLTW Medical Interventions*

5219 PLTW Biomedical Innovation

4 credits per semester, Counts as a Directed Elective or Elective for the General, Core 40, Core 40 with Academic Honors and Core 40 with Technical Honors diplomas

*Fulfills Science requirement

PROGRAM OVERVIEW

This rigorous and relevant curriculum uses activities, projects, and problems to expose students to Biomedical Science content and careers. From the moment students walk into the classroom, they are immersed in a crime scene investigation to study forensic science, human body systems, and medical Interventions ranging from autopsies, drug analysis, EKG, Clay Manikens®, prosthetic designs, and more!

REQUIREMENTS

- Must be on track for graduation with a minimum 2.0 GPA
- C or higher in Biology (or taking concurrently)
- Strong foundation in basic Math skills (with a passing grade in Algebra I preferred)
- Ability to comprehend college-level text
- No more than three discipline referrals and no out of school suspensions
- No more than ten absences per year
- Must be able to handle a very structured environment (rules, policies, procedures)

SUPPLIES / MATERIALS Total: \$20 - \$85

Year 1) Lab Coat - Required (\$25), CTSO Membership - Required (\$17), First Aid & CPR - Required (\$15), Class T-Shirt - Optional (\$20), Gloves & Safety Glasses - Required (\$5)

Year 2) CTSO Membership - Required (\$17), Gloves & Safety Glasses - Required (\$5), Class T-Shirt - Optional (\$20), First Aid & CPR - Optional (\$15), Lab Coat (\$25) - Should have from year 1

CERTIFICATIONS

First Aid, CPR, Stop the Bleed



Central Nine Career Center

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