C⁴ Columbus Area Career Connection

PLTW: Principles of the Biomedical Sciences

9th Grade
**PLTW** Principles of Biomedical Sciences

10th Grade
**PLTW Human Body Systems**

11th Grade
**PLTW Medical Interventions**

12th Grade
**PLTW Biomedical Innovations**

Potential careers for pathway:

Entry Level High School Graduate: Nursing Assistant, Medical Assistant, Pharmacy Technician, Phlebotomist

Entry Level College Graduate: Clinical Laboratory Technician, Microbiologist, Hospital Administration

Experienced: Biochemists and Biophysicists, Physicians and Surgeons, Pharmacist, Senior Hospital Administrator

Degree Options:

Ivy Tech Associate Degrees:
- Biotechnology
- EMT – Paramedic Science
- Medical Imaging
- Medical Laboratory Technology
- Optometric Technology
- Surgical Technology
- Radiation Therapy

Purdue Polytechnic Institute:
- Biotechnology Minor

IUPUC Bachelor Degree
- Registered Nurse
- Clinical Laboratory Science/Biology/Chemistry

**Counts as Directed Electives for ALL diplomas**

Dual Credit Available – Ask about current options

Additional C⁴ classes that would enhance employment
- Health Sciences I: Nursing
- Medical Terminology

Each PLTW Biomedical Class counts both toward CTE and Core 40 Science Credit.