

Butler Tech In Your School

Discover

BUTLER TECH AT EDGEWOOD HIGH SCHOOL



Program Overview

In the 21st century, your future is at your fingertips. Whether you know exactly what you want, or are still considering your options for the future, Butler Tech, in collaboration with Edgewood High School, connects students to career technical education in more ways than ever. Enrich your academic experience by taking courses in one or more of Butler Tech's career specific program areas.

Butler Tech courses offer a variety of in-class experiences that are project-based and career-oriented. Through College Credit Plus options, business and industry tours, and summer internship possibilities, each moment in a Butler Tech career technical course is a step toward building your future.

Career & Technical Student Organizations

Students enrolled in Butler Tech courses at Edgewood have the opportunity to participate in a variety of career and technical student organizations (CTSOs) at the regional, state and national levels. Students participate in activities designed to expand their leadership abilities, utilize their academic instruction in real-world settings, and encourage them to pursue their education in their career field of interest.

Why Butler Tech Courses?

An industry leader in teen education, Butler Tech provides career-technical education options beginning in the 7th grade on-site at Edgewood City Schools. Students who take Butler Tech courses are prepared to make important decisions about college and careers because our teachers and curriculum are driven by providing real-world experiences for students.

Butler Tech Courses offered within Edgewood City Schools:

- Agriscience
- Business & Administrative Services
- Culinary Arts
- PLTW – BioMedical Sciences
- PLTW – Engineering & Design



Butler Tech Course Offerings at Edgewood High School

Agriscience

Have you ever considered just how many careers are related to the field of agriculture? One in five jobs can be directly tied to agriculture, which is Ohio's largest industry. In this program, students learn about the basics of the agriculture industry - business, growing plants, and raising animals. Students will engage in growing soil and hydroponic plants in the greenhouse and raising animals in the animal lab while at school. Students are also highly engaged in community service, leadership development, and competitions. The courses offers a total of 1.25 credits per year, and students have the opportunity to earn a total of 6 college credits through taking Ag Ed courses.

Courses offered:

- Agriscience (9th grade)
- Animal Science (10th and 11th grade)
- Greenhouse and Nursery Management (10th and 11th grade)
- Agriscience Business (12th grade)
- Supervised Agricultural Experience (All grades)

PTLW—BioMedical Sciences

Whether discovering new cancer treatments or teaching healthy lifestyle choices to their communities, today's biomedical science professionals are tackling big challenges to make the world a better place. PTLW Biomedical Science students are taking on these same real-world challenges — and they're doing it before they even graduate from high school. Working with the same tools used by professionals in hospitals and labs, students engage in compelling, hands-on activities and work together to find solutions to problems. Students at Edgewood High School are engaged in active classrooms which promote an interest in a highly engaging career pathway.

Courses offered:

- Principles of Biomedical Science
- Human Body Systems
- Medical Interventions
- Biomedical Innovations

Culinary Arts

All students can benefit from Culinary Arts courses. The classes are designed to meet the needs of all different types of learners. Students will learn skills for managing individual and family needs, problem solving, setting goals, and being a leader. Students will experience a variety of teaching techniques: small group activities, presentations, hands-on projects, classroom discussions, labs, field trips, and community involvement.

Courses offered:

- Contemporary Cuisine
- Baking and Pastry Arts

Business and Marketing

The Business and Marketing program at Edgewood High School will introduce students to a solid understanding of business decision-making by encouraging them to think critically about the world around them and how economics, advertising, human resources, and marketing drive many of the world's decisions. Students will be taught how to use emotional intelligence in diverse societies to develop a realistic understanding of professional business environments and employer expectations. The use of business ethics with an integration of core academics will guide students along a pathway of career exploration in the business world.

Courses offered:

- Principles of Business & Economics
- Principles of Marketing
- Principles of Finance
- Principles of Management
- Business Works

PLTW—Engineering & Design

PLTW Engineering & Design students tackle challenging yet attainable problems to increase their capacity for solving problems using a design process. The program equips students with the skills of using CAD software, CNC tools (laser cutter, 3D printers, mills), robotics, and more. The students have access to these tools for prototyping or producing their designs. Woven throughout the courses are math, science and engineering topics that provide students the ability to bring their designs to the next level and to learn standardized methods of communication for engineering and design. Students have the opportunity to take a different engineering course throughout all four years at EHS. This pathway can be a great launch into post-secondary programs for Engineering, Engineering Technology, Computer Sciences, or trades involving fabrication.

Courses offered:

- Introduction to Engineering & Design
- Principles of Engineering
- Computer Integrated Manufacturing
- Civil Engineering & Architecture

