

Butler Tech In Your School

Discover

BUTLER TECH AT ROSS 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 Ross Local Schools, 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. Students who take Butler Tech courses at Ross High School are prepared to make important decisions about college and careers because the teachers and curriculum provide real-world opportunities. 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

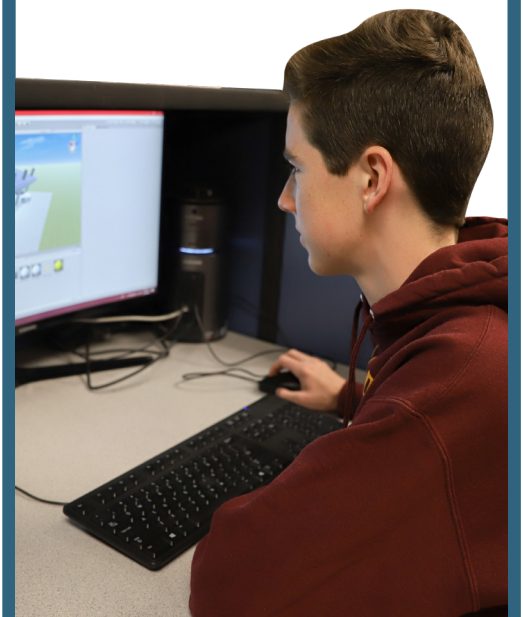
Students enrolled in Butler Tech courses at Ross have the opportunity to participate in a variety of career and technical student organizations (CTSOs) at the regional, state and national levels. Students participate in activities designed to expand their leadership abilities, utilize their academic 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 Ross Local Schools.

Butler Tech Courses offered within Ross Local Schools:

- Agriculture
- Business and Administrative Services
- Culinary Arts & Family Consumer Sciences
- Exercise Science
- Information Technology
- PLTW – Engineering



Butler Tech Course Offerings at Ross High School

Agriculture

Agriscience courses offer exciting opportunities both in and out of the classroom. Students have the opportunity to learn about Ohio's largest industry that involves animals, plants, business, mechanics, food science, natural resources, and so much more! Agriscience students also participate in FFA, which is a dynamic student leadership organization. As FFA members, students have the opportunity to travel, compete, and participate in leadership and community service events. The FFA is a vital component of Agriscience Education that helps students develop the soft skills that employers are actively seeking in today's workforce.

Courses offered:

- Mechanical Principles
- Agriculture, Food, and Natural Resources
- Animal and Plant Science
- Business Management for Agricultural and Environmental Systems

Business and Administrative Services

The Butler Tech Business and Administrative Services program is designed much like a college business administration program. Students take approximately one course per year, beginning with business foundations. This is the first course in the Butler Tech Business Program. Students will obtain knowledge and skills in fundamental business activities. Students will acquire knowledge of business processes, economics and business relationships. Employability skills, leadership, communications, and personal financial literacy will be addressed.

Courses offered:

- Principles of Marketing
- Principles of Finance
- Principles of Business and Economics
- CCP Principles of Management

Culinary Arts & Family Consumer Sciences

All students can benefit from Culinary Arts & Family and Consumer Sciences 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. In each course all students are required to complete a final semester culminating course project. Through integrated classroom activities students will be involved in Family, Career, and Community Leaders of America (FCCLA), a youth leadership organization.

Courses offered:

- Baking & Pastry Arts
- Culinary Fundamentals
- Contemporary Cuisine
- Career Connections
- Transitions and Careers
- Child Development
- Leadership and Community Engagement

Exercise Science

Athlete and patient care come together in the active careers of Exercise Science. Learn how the body works, how to design a workout program and how to prevent, treat and rehabilitate athletic injuries with the use of clinical and field evaluations, physical conditioning techniques and various treatment and rehabilitation options. Learn about Exercise Science by actually doing it and having a hands-on experience.

Courses offered:

- Athletic Injuries and Prevention
- Fitness Evaluation and Assessment
- Nutrition and Wellness
- Exercise and Athletic Training

Information Technology

Are you intimidated by computer technology, or do you feel like you have technology skills that can change the world? In either case, the Computer and Information Technology program at Butler Tech Ross High School is for you. In this Cybersecurity focused program, you will learn everything from introductory Cybersecurity to what it takes to defend your network from intruders in the Cyber Defense course. You could also learn how to test a network's security measures in the Cyber Security Testing course. Computers and Information Technology contains courses to prepare you for a future in technology.

Courses offered:

- Computer Hardware
- Information Technology
- Network Security
- Networking
- Programming
- Cybersecurity
- Cyber Defense and Reinforcement

PLTW – Engineering

Whether a student is curious to understand more about engineering, has decided to pursue a career, or simply wants to think critically, work collaboratively, and explore how math and science work in his or her everyday life, Project Lead The Way's Pathway to Engineering program provides a track for success. Students engage in open-ended problem solving, learn and apply the engineering design process, and develop vital teamwork, communication, and critical-thinking skills. Throughout the courses, students use the same industry leading technology and software as the world's top companies. These courses provide students who are interested in exploring careers in various types of Engineering and Manufacturing, an avenue in high school to take PLTW courses for high school credit as a preparation for careers or post-secondary study in STEM fields.

Courses offered:

- Introduction to Engineering Design
- Civil Engineering and Architecture
- Engineering Design
- Automation and Robotics



See your guidance counselor for registration information.

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