

# Discover

## BUTLER TECH AT LAKOTA HIGH SCHOOL

# WE are Lak@ta

### 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 Lakota 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 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 Lakota High School 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 that prepare students to make important decisions about college and careers. Our teachers and curriculum are driven by providing real-world experiences for students.

Butler Tech programs offered within Lakota Local School District:

- Biomedical Sciences
- Digital Media
- Engineering
- Exercise Science
- Family and Consumer Science



## Butler Tech courses offered within Lakota Local School District

### Biomedical Sciences

Examine the world from a cellular level as a biomedical scientist. Students in the PLTW Biomedical Science pathway use their skills of observation, problem-solving and attention to detail to protect and heal the world around us. See your future come into focus when you slip into a lab coat, look through the eyepiece of a microscope, diagnose a disease or solve a medical mystery.

#### Courses offered:

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

### Engineering

Students in the Engineering pathway learn to design and create solutions to complex problems using cutting-edge technologies. You'll learn to employ robotics to perform various operations, apply electrical theory and use electronic devices to control machines, and manufacture parts and devices.

#### Courses offered:

- Introduction to Engineering Design
- Principles of Engineering
- Aerospace Engineering
- Digital Electronics
- Engineering Design and Development
- Computer Integrated Manufacturing

### Exercise Science

Sports and patient care come together in the active careers of Exercise Science. Learn how the body works, how to make it stronger, and help patients recover from and prevent injuries. Apply procedures and techniques used in athletic training, injury prevention and rehabilitation. Practice clinical and field evaluative processes, conditioning techniques and treatment options.

#### Courses offered:

- Exercise and Athletic Training I
- Sports Exercise Psychology
- Exercise and Athletic Training II
- Fitness Evaluation and Assessment

### Family and Consumer Science

All students can benefit from Family and Consumer Sciences courses. These Butler Tech classes, offered at Lakota, 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 and group community service project.

#### Courses offered:

- Career and College Readiness
- Contemporary Cuisine
- Culinary Fundamentals

### Digital Media

Students in the Digital Media pathway, will learn the necessary skills to succeed in a career in this creative, fast-paced industry. Students will tell stories, create experiences, and learn artistic expression through technology. They'll gain hands on experience using state-of-the-art, industry standard equipment and software, and learn the fundamentals of graphic design, image manipulation, video/audio production, broadcasting/streaming, and more to create content for your school, businesses, and community partnerships.

#### Courses offered:

- Content Creation Primer
- Digital Editing
- Multimedia Production

