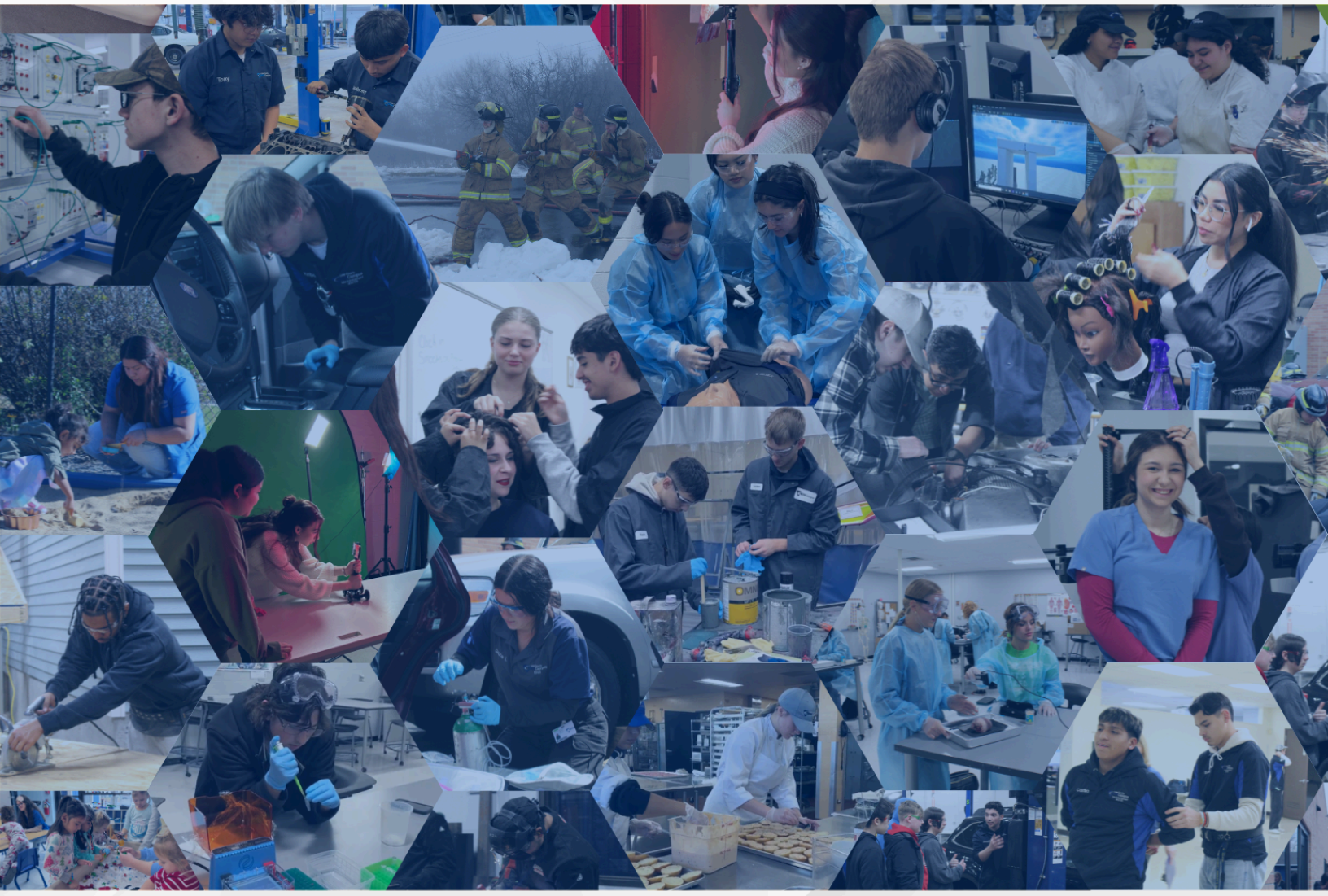
Lake County TECH Campus

Program Guide



19525 W Washington St, Grayslake, IL 60030 | www.techcampus.org



About Us

FOUNDED IN
1977

18
PROGRAMS



2,300+
JUNIORS & SENIORS

SERVE
22
HIGH SCHOOLS ACROSS LAKE & MCHENRY COUNTY



100+
DUAL CREDITS

50%
OF STUDENTS PARTICIPATE IN INTERNSHIPS, JOB SHADOWS, OR APPRENTICESHIPS

350+
BUSINESS & INDUSTRY PARTNERS

25
CERTIFICATIONS AVAILABLE ACROSS 18 PROGRAMS



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For the latest offerings, visit www.techcampus.org/programs



Samantha
2025-2026
Tech Campus Student of the Year

2nd year Teacher
Mr. Wilson
Auto Service II

1st year Teacher
Mr. Sanderson
Auto Service I

SkillsUSA®
STATE CHAMPIONS

While at Tech Campus, students can compete at SkillsUSA at the State and National levels. Over the past 20+ years, Tech Campus has won several titles, ranking us among the best CTE schools in the country.

LEARN MORE



Automotive Collision Repair

Internship Available

3 College Lake County Credits



PROGRAM OVERVIEW

Instruction in this two-year program emphasizes both the repair and the refinishing skills associated with restoring a damaged automobile to factory specifications. Using an industry-endorsed curriculum, you will develop core skills in automobile construction, sheet metal damage repair, MIG welding, and basic refinishing. Upon mastery of the skills in core areas, you'll advance into damage estimating, shop management, heavy collision repair, and finish matching.

- I-CAR CERTIFICATIONS
- SP2 CERTIFICATIONS

CAREER OPPORTUNITIES

- Auto Body Technician
- Corporate Collision
- Detailer
- Insurance Estimator
- Services Coordinator
- Paint Technician
- Sander and Masker
- Shop Owner

WHAT WILL MY CLASSES BE LIKE?

In this program, you'll learn sheet metal and welding techniques, body alignment, finishing, and painting to get cars back on the road looking good. Internships take your hands and mind to the extreme, helping you discover which area of auto body is for you. Employers are always looking for highly qualified technicians – why can't it be you?



LEARN MORE

Automotive Service

Internship Available

4 College of Lake County Credits

PROGRAM OVERVIEW

This two-year program will provide you with a solid foundation of skills to enter the automotive service industry. Instruction will feature training on brakes, steering and suspension, electrical systems, and engine performance. Upon successful completion of this program, you'll be prepared to take the ASE (Automotive Service Excellence) certification exams in the areas emphasized in the program.



- ALLDATA CERTIFIED INFORMATION SPECIALIST
- SP2 CERTIFICATIONS
- VALVOLINE OIL CHANGE CERTIFICATION
- PRO CUT CERTIFICATION

CAREER OPPORTUNITIES

- Automotive Diagnostician
- Automotive Technician
- Car Dealer
- Service Writer
- Fleet Maintenance Technician
- Alignment Specialist

WHAT WILL MY CLASSES BE LIKE?

The four phases of our Automotive Service program (brakes, steering and suspension, electrical systems, and engine performance) will better prepare you for today's employers. You may even have a chance to work in a dealership as a paid intern while attending the Tech Campus. The program covers all the basics you need to start as an automotive technician. So gear up and strap yourself in for a high performance career.

LEARN MORE



Biomedical Science

Internship Available

**Credit offered through Missouri S&T. Costs may apply.*

6 Credits



PROGRAM OVERVIEW

This program introduces students to biology and medicine through hands-on projects. You'll explore health conditions like heart disease, diabetes, and infections. You'll determine the factors that led to the death of a fictional woman as you piece together evidence found in her medical history and her autopsy report. You'll demonstrate how the development of the disease is related to changes in human body systems.

- **CPR CERTIFICATION**

CAREER OPPORTUNITIES

- Biomedical Scientist
- Biotechnologist
- Clinical Scientist
- Clinical Research Associate
- Microbiologist
- Physician Associate
- Research Scientist

WHAT WILL MY CLASSES BE LIKE?

You'll examine the interactions of body systems as you explore identity, communication, power, movement, protection, and homeostasis. You'll design experiments, investigate the structures and functions of the human body, and use data acquisition software to monitor body functions, such as muscle movement, reflex, voluntary action, and respiration. Exploring science in action, you'll build organs and tissues on a skeletal model, perform 4 organ dissections, work through interesting real-world cases, and play the role of a biomedical professional to solve medical mysteries.



LEARN MORE

Certified Nurse Assisting

Internship Available

7 College of Lake County Credits

PROGRAM OVERVIEW

The program prepares you for employment as a nurse assistant and for future entry into nursing education programs. Training will include the development of basic nursing skills through lectures, laboratory practice, and clinical experience. Instruction in this program includes a minimum of 42 clinical hours held in long-term clinical facilities in the community. Upon completion, you'll be eligible to take the written examination for the nurse assistant state certificate.



- CNA CERTIFICATION
- CPR CERTIFICATION
- DEMENTIA SIMULATION CERTIFICATION

CAREER OPPORTUNITIES

- Certified Nurse Assistant
- Dietary Aide
- Medical Technologist
- Nurses Aide
- Restorative Care Aide

WHAT WILL MY CLASSES BE LIKE?

You will learn how to report observations, understand the nature of diseases and common health problems, and the skills and techniques of how to take care of people. You will study how to help people recover from sickness and those who are disabled or injured. You can practice these skills in a real hospital setting or in a nursing home in an internship. Turn your passion for helping others into a nurse assistant state certificate while still in high school. Certified Nurse Assistants are in high demand. Your heart for helping others can make a big difference!

LEARN MORE



Construction Skills & Management

Internship Available

6 Credits

McHenry County College



PROGRAM OVERVIEW

This program offers an overview and analysis of conventional construction methods with a focus on carpentry, HVAC, electrical, plumbing, environmental impacts, and overall construction safety. The hands-on use of building materials and tools in various construction systems is emphasized, including basic design of temporary structures. To further enrich your experience, case studies and guest speakers are utilized to expose you to various professions and careers in the field.

- **AMERICAN LADDER INSTITUTE CERTIFICATION**
- **SP2 CERTIFICATIONS**

CAREER OPPORTUNITIES

- Construction Manager
- Electrician
- Estimator
- Heavy Equipment Operator
- Plumber
- Architect
- Carpenter
- Pre-engineer

WHAT WILL MY CLASSES BE LIKE?

You will learn all phases of construction, from planning to seeing the finished product. In addition, you will review construction specifications and how they relate to national, state, and local building codes. Topics related to job safety and Occupational Safety and Health Administration (OSHA) regulations will also be discussed.



LEARN MORE

Cosmetology

Internship Available

PROGRAM OVERVIEW

The Tech Campus offers a comprehensive two-year Cosmetology program designed to provide students with in-depth training in hair, skin, and nail services. Throughout the duration of the program, students receive extensive hands-on instruction in a salon-like setting, ensuring they develop the technical skills and professional experience required to succeed in the beauty industry. Upon completion, students will have fulfilled the 1,500-hour training requirement necessary to qualify for the Illinois State Board of Cosmetology licensing examination.



- **COSMETOLOGY LICENSE**

WHAT WILL MY CLASSES BE LIKE?

In the first year, students focus on foundational theory and core concepts, which are reinforced through guided hands-on training in a classroom setting. In the second year, students transition to working on the salon floor, where they gain real-world experience by providing services to clients under instructor supervision. Additionally, students have the opportunity to participate in an off-campus internship at a professional salon.

CAREER OPPORTUNITIES

- Color/Perm Specialist
- Esthetician
- Hair Designer
- Hair Stylist
- Makeup Artist
- Manicurist
- Nail Technician
- Platform Artist
- Product Representative
- Salon Owner
- TV/Movie Studio Artist

LEARN MORE



Criminal Justice Careers & Forensic Investigation

Internship Available

6 College Lake County Credits



- CPR CERTIFICATION
- NIMS 100C, 200C, 700B, 800D

PROGRAM OVERVIEW

This program will focus on criminal justice career exploration. Students will be provided opportunities and resources to seek career information related to various professions in law enforcement, courts, institutional and community corrections, and private security. Students will be guided through individual and group exercises that assist in identifying the duties and ethical realities for various careers in criminal justice, as well as the advantages and disadvantages of those careers. Forensic Investigations will provide an educational background regarding the scientific methods involved in the recognition, collection, and preservation of physical evidence at crime scenes.

CAREER OPPORTUNITIES

- Animal Control Worker
- Judge
- Homeland Security
- Community Service Officer
- Dispatch Operator
- Forensic Officer
- Police Officer

WHAT WILL MY CLASSES BE LIKE?

Have you ever seen Chicago PD or CSI on television and wondered how the crime was solved or why the judge withdrew evidence? You will learn the legal process starting from the investigation, to the arrest, and the laws behind it all. You will practice police tactical response maneuvers, courtroom proceedings through mock trials, and collecting evidence at a crime scene. Find out which profession is right for you!



LEARN MORE

Culinary Arts

Internship Available

11 College Lake County Credits



PROGRAM OVERVIEW

This two-year program provides culinary and hospitality education designed to prepare you for the many positions in the hospitality industry. You'll gain skills and knowledge in cold and hot food preparation, nutrition, baking, pastry, menu planning, sanitation, equipment operation, inventory control, purchasing, and front-of-the-house customer service. Skills will be practiced in planning, organizing, and preparing culinary creations for special events, competitions, and the Tech Campus Café.

- **ILLINOIS SAFE FOOD HANDLERS CERTIFICATION**
- **SERVSAFE SANITATION MANAGERS CERTIFICATION**

CAREER OPPORTUNITIES

- Banquet Chef
- Caterer
- Food Purchaser
- Food Server
- Sous Chef
- Maître D'
- Pastry Artist
- Personal Chef
- Restaurant Owner

WHAT WILL MY CLASSES BE LIKE?

First you'll learn what it takes to operate a safe and sanitary kitchen. Then knife skills, food preparation, cooking methods, nutrition, menu planning, and inventory control follow. After that, you'll serve up your tasty creations in the Tech Campus Café. Imagine yourself as a chef at a fine restaurant, a pastry artist at a four-star hotel, the owner of a catering company, or working on a cruise ship while experiencing the taste of success!

LEARN MORE



Cybersecurity

Internship Available

6 College Lake County Credits

PROGRAM OVERVIEW

This program introduces you to the exciting world of cybersecurity. You will learn how to stay safe online, protect your personal information, and understand how hackers think. Key topics include how to secure computers and digital devices, as well as basic networking. Designed for beginners, this course builds awareness, encourages critical thinking about online safety, and provides a strong foundation for future studies in cybersecurity.



WHAT WILL MY CLASSES BE LIKE?

Explore the fundamental building blocks of Cybersecurity. We will delve into Cybersecurity, giving a working knowledge of the vocabulary and the practice of protecting systems, networks, and programs from digital attacks. These cyberattacks are usually aimed at accessing, changing, or destroying sensitive information, extorting money from users, or interrupting normal business processes. This program will help you discover what cyber path is right for you!

CAREER OPPORTUNITIES

- Cybersecurity Architect
- Cybersecurity Engineer
- Cybersecurity Manager
- Cybersecurity Specialist
- Digital Forensic Analyst
- IT Support Specialist
- Network Security Operator
- Penetration Tester
- Security Tester
- Vulnerability Analyst



LEARN MORE

Early Education & Teaching

Internship Available

9 College Lake County Credits



- GATEWAYS TO OPPORTUNITY ECE (LEVEL 1) CREDENTIAL
- CPR CERTIFICATION

PROGRAM OVERVIEW

This two-year program is designed to prepare you for a variety of careers serving children. You will learn how to plan and implement age-appropriate activities in creative arts, math, science, music, and language for preschool children in the Tech Campus Preschool. Instruction will focus on the whole child development, building positive relationships, and guiding the behaviors of young children.

CAREER OPPORTUNITIES

- Assistant Early Childhood Teacher
- Early Childhood Teacher
- Home Childcare Provider
- Elementary Teacher
- Licensing Specialist
- Preschool Director
- Recreation Director
- Social Worker

WHAT WILL MY CLASSES BE LIKE?

Start off by discovering how to form positive relationships with young children. Once you understand the emotional, social, intellectual, and physical aspects of young children, you will build the foundational skills in teaching, allowing you to play an important role in making a positive difference in a child's life.

LEARN MORE



Emergency Medical Services

Internship Available

7 College Credits

College of Lake County

PROGRAM OVERVIEW

This program prepares the student to take the National Registry of EMTs certification exam. After obtaining the national certificate, students may apply for state licensure. Students will obtain knowledge to assess and care for critically ill and injured patients. Students can look forward to clinical experiences in the emergency room and on an ambulance. The course also includes American Heart Association Healthcare Provider CPR certification. Students in this program must be Seniors.



- **CPR CERTIFICATION**
- **NREMT EXAM ELIGIBILITY**
- **NATIONAL EMT CERTIFICATION**
- **STOP THE BLEED CERTIFICATION**
- **NIMS CERTIFICATIONS**

CAREER OPPORTUNITIES

- Standby EMT
- EMS Dispatcher
- Primary Care Technician
- Emergency Department Technician
- 911 Emergency Response EMT
- Flight EMT
- Tactical EMT
- Event EMT

WHAT WILL MY CLASSES BE LIKE?

Students will build the fundamental skills of an EMT through teamwork, critical thinking practices, and hands-on training. Teaching styles include, but are not limited to, lecture, scenarios, and demonstrations.



Firefighting



- CPR CERTIFICATION

CAREER OPPORTUNITIES

- Firefighter
- Fire Investigator
- Fire Prevention Officer
- Fire Service Officer
- Industrial Firefighter
- Volunteer Firefighter

PROGRAM OVERVIEW

This program is designed to prepare you for entry-level firefighter positions. Topics covered include fire chemistry, personal protective clothing, identifying ropes, tying knots, using fire extinguishers, performing forcible entry, carrying and raising ladders, operating a self-contained breathing apparatus, employing search and rescue techniques, working with ventilation tools, and practicing hose evolutions on an operating fire engine.

WHAT WILL MY CLASSES BE LIKE?

As you train to become a firefighter, you'll learn how to extinguish, confine, or escape from fire. Begin by learning fire suppression, fire chemistry, forcible entry, and search and rescue techniques. Then practice what you've learned by performing drills with ropes, ladders, hoses, and a fire engine, and ride along with local fire departments to see the skills you've learned in action.



Game Programming & Virtualization

Internship Available

3 College Lake County Credits

PROGRAM OVERVIEW

This program is designed to provide instruction in the computer science field. You'll be able to develop video games & professional programs using realistic hands-on interdisciplinary exercises. The game programming curriculum will focus on industry-standard coding languages. Additional training will cover 2D and 3D animation. You'll also work with virtual reality technologies that provide experience using complex data in a simulated real-world application.

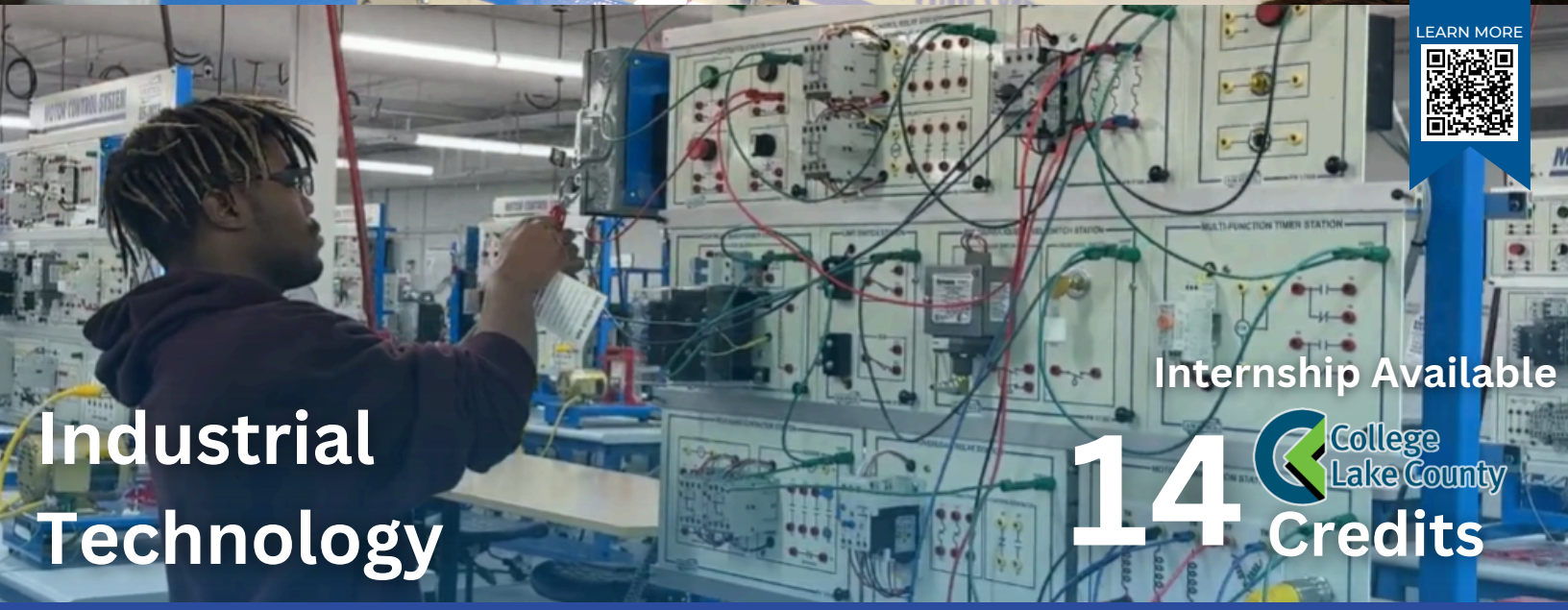


CAREER OPPORTUNITIES

- 2D & 3D Animator
- C++ Programmer
- CIS/MIS Specialist
- Computer Engineer
- Technical Director
- Web Developer
- Game Designer

WHAT WILL MY CLASSES BE LIKE?

First, you'll start with the fundamentals of programming. You're able to work at your own pace to understand the basics of programming and develop problem-solving skills. Once you have mastered the basics, you'll learn what it takes to design a video game from scratch. You will also learn how to create 3D characters and how to animate them. Combine all your skills to explore a career in game or mobile app development.



LEARN MORE

Industrial Technology

Internship Available

14 College Lake County Credits



- MECHANICAL MAINTENANCE TECHNICIAN CERTIFICATE

PROGRAM OVERVIEW

This program will prepare you to work in a manufacturing environment, developing the skills you need to maintain, repair, and operate machinery and equipment in a high-tech, industrial setting. You'll gain hands-on experiences in hydraulics, machine alignment, electricity, and mechanical fundamentals.

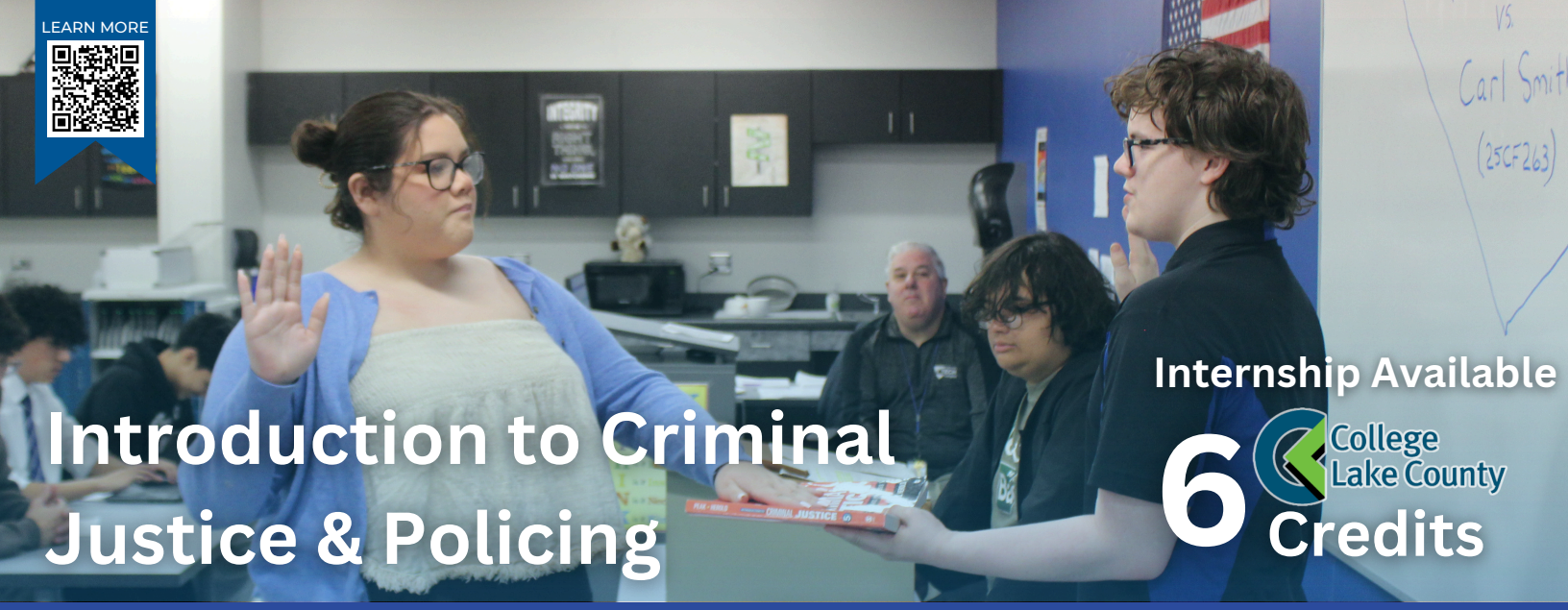
CAREER OPPORTUNITIES

- Electromechanical
- Equipment Assembler
- Field Service Technician
- Industrial Maintenance Tech
- Maintenance Electrician
- Maintenance Supervisor
- Manufacturing Technician
- Plant Engineering Technician
- Predictive Maintenance Tech
- Utilities Mechanic

WHAT WILL MY CLASSES BE LIKE?

After acquiring skills in electronics, computerized equipment maintenance, and preventive/predictive maintenance, you'll have the confidence and ability to work for industrial manufacturing companies, food manufacturing/processing plants, farms, industrial contract service providers, machine shops, construction companies, and welding/fabrication shops.

LEARN MORE



Introduction to Criminal Justice & Policing

Internship Available

6 College Lake County Credits

PROGRAM OVERVIEW

This course provides an introduction to the American criminal justice system with a focus on both the overall legal process and the specific role of policing. Students will explore the criminal justice process from law enforcement through adjudication, sentencing, and corrections, while also examining key issues such as police history, structure, discretion, community relations, and constitutional responsibilities. The course serves as a foundation for those interested in pursuing careers in criminal justice or simply gaining a deeper understanding of the legal and societal impact of law enforcement in a free society.

- **CPR CERTIFICATION**



CAREER OPPORTUNITIES

- Animal Control Worker
- Correctional Officer
- Homeland Security
- Animal Control Worker
- Judge
- Lawyer
- Police Officer
- Detective

WHAT WILL MY CLASSES BE LIKE?

You will learn the legal process starting from the investigation, to the arrest, and the law behind it all. You will practice police tactical response maneuvers, courtroom proceedings through mock trials, and collecting evidence at a crime scene. All of this will bring you one step closer to becoming a police officer enforcing the law, a lawyer safeguarding the judicial process, or a correctional officer providing rehabilitation.



LEARN MORE

Medical Assisting

Internship Available

11 College of Lake County Credits



- AED CERTIFICATION
- CPR CERTIFICATION
- FIRST AID CERTIFICATION
- HEALTHCARE OFFICE ASSISTANT CERTIFICATION

PROGRAM OVERVIEW

In healthcare, medical assistants perform essential administrative, clinical duties, and assist in medical procedures under the direct supervision of physicians and other healthcare professionals. At the Tech Campus, MA students are trained to perform administrative and clinical tasks. During this one-year program, you will become a Certified Medical Receptionist. You will learn a wide variety of clinical skills, including how to take vital signs, administer medications, provide injections, draw blood, obtain an EKG, perform glucose testing, and so much more!! Medical Assistants are the GLUE in healthcare.

CAREER OPPORTUNITIES

- Dietician
- EKG Technician
- Medical Assistant
- Medical Billing Coder
- Registered Nurse
- Emergency Medical Tech
- Medical Lab Assistant
- Medical Technologist
- Occupational Therapist
- Pharmacy Technologist
- Phlebotomist

WHAT WILL MY CLASSES BE LIKE?

You will stay busy learning and practicing skills! Classes are a combination of lectures, projects, and a great deal of hands-on training. Students feel that class time goes by very quickly, and they enjoy working with their peers to learn and practice front-office administrative and clinical skills.

LEARN MORE



Multimedia Design: Intro to Graphic Design

Internship Available

3 College Lake County Credits

PROGRAM OVERVIEW

Multimedia Design: Intro to Graphic Design is an entry-level course for students interested in graphic design, visual communication, and digital art. Throughout the school year, students learn foundational design principles while getting hands-on practice with industry software: Adobe Illustrator, Photoshop, and InDesign. Spreading College of Lake County's single-semester DMD 121 course across the full school year gives students extra time to learn tools at an approachable pace, experiment with projects, and begin building a portfolio.



- **ADOBE CERTIFICATION**

PROGRAM CONCEPTS

- Brand Identity
- Advertising
- Marketing
- Packaging
- Apparel Graphics
- Digital & Social Media
- Publications
- Event Design

WHAT WILL MY CLASSES BE LIKE?

No prior design or software experience is required. The classroom serves as a project-based design studio where students learn basic concepts such as typography, color theory, layout, composition, and file preparation for print and digital media. Assignments include practical projects like logo concepts, promotional posters, and packaging layouts. Students work through guided lessons, practice visual problem-solving, and participate in regular peer critiques to get feedback on their work.



LEARN MORE

Welding & Fabrication

Internship Available

9 College Lake County Credits



PROGRAM OVERVIEW

This two-year program offers comprehensive hands-on training and practical application of skills essential for a successful career in welding and metal fabrication. Students gain extensive experience in key areas, including shop safety, oxy-fuel welding and cutting, Gas Metal Arc Welding (GMAW/MIG), Gas Tungsten Arc Welding (GTAW/TIG), and Shielded Metal Arc Welding (SMAW/Stick). The program also incorporates training in plasma arc cutting and CNC plasma operation.

- **AWS CERTIFICATION**
- **SP2 CERTIFICATIONS**
- **CLC WELDING CERTIFICATE**
- **MILLER OPEN BOOKS CERTIFICATION**

CAREER OPPORTUNITIES

- Code Pipe Welder
- Construction Welder
- Maintenance Welder
- Mass Production Welder
- Robot Welder Technician
- Structural Iron Worker
- Pipe Fitter
- Plate Welder
- Welding Engineer

WHAT WILL MY CLASSES BE LIKE?

In this program, you will gain expertise in blueprint reading along with a wide range of welding techniques, including Gas Metal Arc Welding (GMAW/MIG), Gas Tungsten Arc Welding (GTAW/TIG), Shielded Metal Arc Welding (SMAW/Stick), Plasma Arc Cutting (PAC), and Oxy-Acetylene Welding and Cutting (OFW/OFC). These skills will enable you to effectively join materials such as steel, aluminum, and stainless steel.

NOTES

NOTES

COME VISIT THE TECH CAMPUS!

Visit **www.techcampus.org/community/tour** for available tour dates

HOW TO ENROLL

1. Pick a program
2. Meet with your high school counselor to put a Tech Campus program into your schedule
3. Submit an application at www.techcampus.org
4. Come to Tech!

BENEFITS TO ATTENDING TECH CAMPUS

- Hands-On Training
- Internships
- College Credit
- Career Expositions
- Relationship Building
- Certifications
- Free Tuition

PARTICIPATING HIGH SCHOOLS

EQUAL OPPORTUNITY STATEMENT

It is the policy of the Lake County Tech Campus not to discriminate on the basis of race, color, age, sex, religious beliefs, creed, ancestry, national origin, physical and mental handicap or disability, sexual orientation, status as homeless, or actual or potential marital or parental status, including pregnancy with respect to its educational programs, enrollments, activities or employment policy. This policy of non-discrimination is in compliance with Titles VI and IX and Section 504.

Join Our Newsletter