

ABOUT US

YEAR FOUNDED
1977



LEARN MORE



LOCATED IN
GRAYSLAKE, ILLINOIS

2,400+

JUNIORS AND SENIORS FROM

HIGH SCHOOLS ACROSS

22

**LAKE AND
MCHENRY**

COUNTY.



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.

19

PROGRAMS

IN A VARIETY OF CAREER PATHWAYS.



350+

BUSINESS AND INDUSTRY

PARTNERS.



50%

OF STUDENTS PARTICIPATE IN

INTERNSHIPS,

JOB SHADOWS OR APPRENTICESHIPS.



100+

COLLEGE CREDITS

AVAILABLE ACROSS 19 PROGRAMS.



25

CERTIFICATIONS

AVAILABLE ACROSS 17 PROGRAMS.




SkillsUSA

**STATE
CHAMPIONS**

**20+
YEARS**

For the latest numbers,
visit www.techcampus.org



TABLE OF CONTENTS



<i>About Us</i>	1
<i>Table of Contents</i>	2
<i>Automotive Collision Repair</i>	3
<i>Automotive Service</i>	4
<i>Biomedical Science</i>	5
<i>Certified Nurse Assisting</i>	6
<i>Computer Support Services</i>	7
<i>Construction Skills & Management</i>	8
<i>Cosmetology</i>	9
<i>Criminal Justice</i>	10
<i>Culinary Arts</i>	11
<i>Cybersecurity</i>	12
<i>Early Education & Teaching</i>	13
<i>Emergency Medical Services</i>	14
<i>Firefighting</i>	15
<i>Game Programming & Virtualization</i>	16
<i>Industrial Technology</i>	17
<i>Law Enforcement & CSI</i>	18
<i>Medical Assisting</i>	19
<i>Multimedia Design</i>	20
<i>Welding & Fabrication</i>	21
<i>Additional Information</i>	22



Melani Moreno
Tech Campus
Student of the Year
*Automotive Collision
Repair*

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



AUTOMOTIVE COLLISION REPAIR

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.

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?

JOB OPPORTUNITIES

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



**I-CAR CERTIFICATIONS
SP2 CERTIFICATIONS**

LEARN MORE



AUTOMOTIVE SERVICE

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.

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.



JOB OPPORTUNITIES

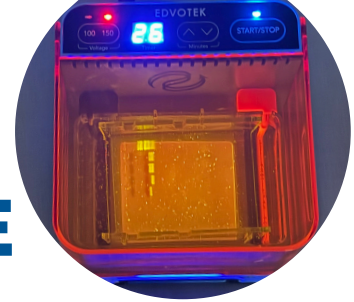
- Automotive Diagnostician
- Automotive Technician
- Car Dealer
- Car Designer
- Mobile Electronics Installer
- Shop Owner
- Service Writer



ALLDATA CERTIFIED INFORMATION SPECIALIST
SP2 CERTIFICATIONS
VALVOLINE OIL CHANGE CERTIFICATION

PROJECT LEAD THE WAY:

BIOMEDICAL SCIENCE



LEARN MORE



PROGRAM OVERVIEW

In year one, you'll begin with Principles of Biomedical Science (PBS) and Human Body Systems (HBS). In PBS, you'll investigate concepts of biology and medicine as you explore health conditions including heart disease, diabetes, sickle-cell disease, hypercholesterolemia, and infectious diseases. In HBS, 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.

In year two, you'll study Medical Interventions and Biomedical Innovation. Medical Interventions will have you exploring how to detect and fight infection, screen and evaluate the code in human DNA, evaluate cancer treatment options, and prevail when the organs of the body begin to fail. You'll build on the knowledge and skills gained from previous sections in Biomedical Innovation to design innovative solutions for the most pressing health challenges of the 21st century.

JOB OPPORTUNITIES

- Biomedical Scientist
- Biotechnologist
- Clinical Research Associate
- Clinical Scientist
- Forensic Scientist
- Microbiologist
- Physician Associate
- Research Scientist
- Laboratory Technician
- Toxicologist

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



CPR CERTIFICATION



CERTIFIED NURSE ASSISTING

PROGRAM OVERVIEW

Training in this program will include the development of basic nursing and cardiopulmonary resuscitation skills through lecture, laboratory demonstrations, laboratory practice, and clinical experience. Instruction in this program includes a minimum of forty clinical hours held in long-term facilities in the community. Upon successful completion of this program, you will be eligible to take the written examination for the nurse assistant state certification. *Students must be 16 years of age.*

WHAT WILL MY CLASSES BE LIKE?

You will study how to help people recovering from sickness and those that are disabled or injured. Practice these skills in a real hospital setting or in a nursing home on clinical internships. Turn your passion for helping others into a state nurse assistant certification while still in high school. Certified Nurse Assistants are in high demand. Your heart for helping others can make a big difference!

JOB OPPORTUNITIES

Certified Nurse Assistant
 Dietician
 Home Health Aide
 Medical Technologist
 Nurses Aide
 Registered Nurse
 Rehabilitation Aide
 Unit Ward Clerk



CNA LICENSE
CPR CERTIFICATION
DEMENTIA SIMULTATION CERTIFICATION
QSEP (COVID TRAINING)





COMPUTER SUPPORT SERVICES

PROGRAM OVERVIEW

This two-year program will prepare you for careers in the computer field. You will learn how to install, maintain, upgrade, and repair computer hardware & software on workstations and network systems. It will also prepare you for the A+ Certification Exam.

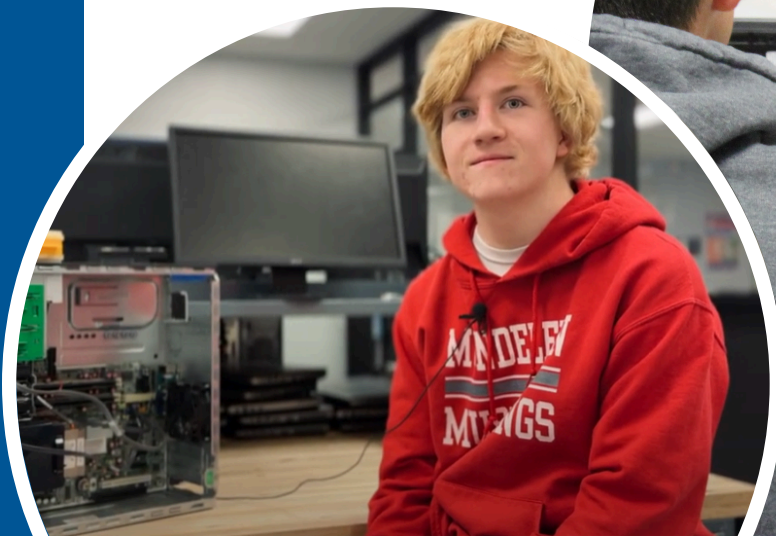
Upon successful completion of this program, you'll be able to diagnose hardware or software failures and perform the actions necessary to correct the problems based on knowledge of the system's operation.

WHAT WILL MY CLASSES BE LIKE?

Does the challenge of dismantling a computer and putting it back together sound cool to you? As a computer technician, you'll have to know how to fix basic and advanced computer problems. You will learn how to troubleshoot hardware and software issues and how to upgrade computers for the latest high powered applications. Before you know it, you'll be able to build your own computer.

JOB OPPORTUNITIES

- Computer Support Specialist
- Computer Technician
- Information Specialist
- MIS/CIS Manager
- Network Support Specialist
- Software Specialist
- Systems Administrator



PREP FOR CompTIA A+



CONSTRUCTION SKILLS & MANAGEMENT

PROGRAM OVERVIEW

The first year of this program offers an overview and analysis of conventional construction methods with a focus on Carpentry, HVAC, Electrical, Plumbing, environmental impacts on construction, 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.

In year two, you will learn all phases of planning and scheduling from the process of listing and sequencing to the development of the critical path network. 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.

JOB OPPORTUNITIES

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



**AMERICAN LADDER INSTITUTE CERTIFICATION
SP2 CERTIFICATIONS**



COSMETOLOGY



LEARN MORE



PROGRAM OVERVIEW

The Tech Campus offers a two-year Cosmetology program that includes nail technology. Over the course of the program, you will acquire the 1500 hours of experience required for licensing while learning how to perform shampoos, makeovers, facials, hair-styling, manicuring, sculptured nails, permanent waving, hair coloring, and cutting. Following the lab phase of the program, you'll reinforce your training by working on clients in the Tech Campus Creations Salon and Spa.

WHAT WILL MY CLASSES BE LIKE?

You'll keep pace with the fashion world through practice, instructor demonstrations, and working on clients in the Tech Campus Creations Salon and Spa. Internships in local salons are a great way to help you decide on your specialty. Our program puts you a cut above the rest as a hair stylist, nail technician, manicurist, makeup artist, or even a skin care specialist.

JOB OPPORTUNITIES

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



IDPFR COSMETOLOGY LICENSE



CRIMINAL JUSTICE

PROGRAM OVERVIEW

This program will cover ethical considerations for criminal justice professionals and challenges to police officers as well as constitutional considerations for policing. It will also cover functions and structure of the court and judicial system. Further topics will include correctional institutions, current and pending court cases, juvenile justice, and role playing opportunities related to criminal justice.

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.



JOB OPPORTUNITIES

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



CPR CERTIFICATION



CULINARY ARTS



LEARN MORE



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.

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!

JOB OPPORTUNITIES

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



ILLINOIS SAFE FOOD HANDLERS CERTIFICATION
SERVSAFE SANITATION MANAGERS CERTIFICATION





CYBERSECURITY

PROGRAM OVERVIEW

This program is designed to give you a practical perspective on computer security, and approaches it in a way that anyone can understand. Learn how networks handle routing, DNS, load-balancing, and more. You'll receive light training in software development applications for mobile devices and gaming applications that can run on a variety of platforms, then execute security measures to keep that data secure.

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!

JOB OPPORTUNITIES

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





EARLY EDUCATION & TEACHING

PROGRAM OVERVIEW

This two-year program is designed to prepare you for a variety of careers serving children. You'll 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 positive guidance of child behavior and all aspects of their development.

WHAT WILL MY CLASSES BE LIKE?

Start off by discovering how to guide child behavior and promote child safety and nutrition. Plan activities in art, music, science, math, language, large motor, and drama in one of our two preschool labs. Once you understand the emotional, social, intellectual, and physical aspects of young children, you can play an important role in making a positive difference in a child's life.

JOB OPPORTUNITIES

- Assistant Teacher
- Day Care Provider
- Early Childhood Teacher
- Elementary Teacher
- Librarian
- Licensing Specialist
- Nanny
- Preschool Director
- Recreation Director
- Social Worker



**CPR CERTIFICATION
GATEWAYS TO OPPORTUNITY ECE (LEVEL 1)**



EMERGENCY MEDICAL SERVICES

PROGRAM OVERVIEW

This program prepares you to take the licensure examination of the Illinois Department of Public Health to become an EMT-B. Activities include clinical experiences in a hospital emergency room and ride-alongs with local Fire/EMS departments. You'll also learn American Heart Association Healthcare Provider CPR, patient assessment, stabilization, and initial pre-hospital medical treatment of injured and ill patients. *Students in this program must be seniors.*

WHAT WILL MY CLASSES BE LIKE?

Learn how teamwork can make a lifesaving difference by mastering rescue techniques used by EMTs. Lessons in anatomy show you how the human body works, transforming you into an expert first responder. You'll also work alongside emergency room doctors, nurses, and paramedics in area hospital emergency rooms and fire departments during your required 40 hour internship.

JOB OPPORTUNITIES

- Basic First Responder
- Contract Paramedic
- Firefighter/Paramedic
- Flight Nurse
- Electrocardiogram Tech
- Emergency Room Tech
- Patient Care Tech
- Registered Nurse



CPR CERTIFICATION
EMT-B LICENSE
NATIONAL EMT CERTIFICATION



FIREFIGHTING



LEARN MORE



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.

JOB OPPORTUNITIES

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





GAME PROGRAMMING & VIRTUALIZATION

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.

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.

JOB OPPORTUNITIES

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





INDUSTRIAL TECHNOLOGY

PROGRAM OVERVIEW

Our Industrial Technology program, located at the College of Lake County's new Advanced Technology Center, will prepare you to work in a modern 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. After acquiring skills in electronics, computerized equipment maintenance and preventative/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.

JOB OPPORTUNITIES

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



MECHANICAL MAINTENANCE TECHNICIAN CERTIFICATION



LAW ENFORCEMENT & CSI

PROGRAM OVERVIEW

This program prepares you for careers in the policing field. The class will focus on police procedures that are standard to a new police officer and the steps that are necessary to continue into a policing career. The class will also explore basic crime scene investigation, interview and interrogation methods, and a study of criminal investigation. A police background check is required to participate in job shadows, internships, and ride-alongs at local police departments.

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!

JOB OPPORTUNITIES

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



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

MEDICAL ASSISTING



LEARN MORE



PROGRAM OVERVIEW

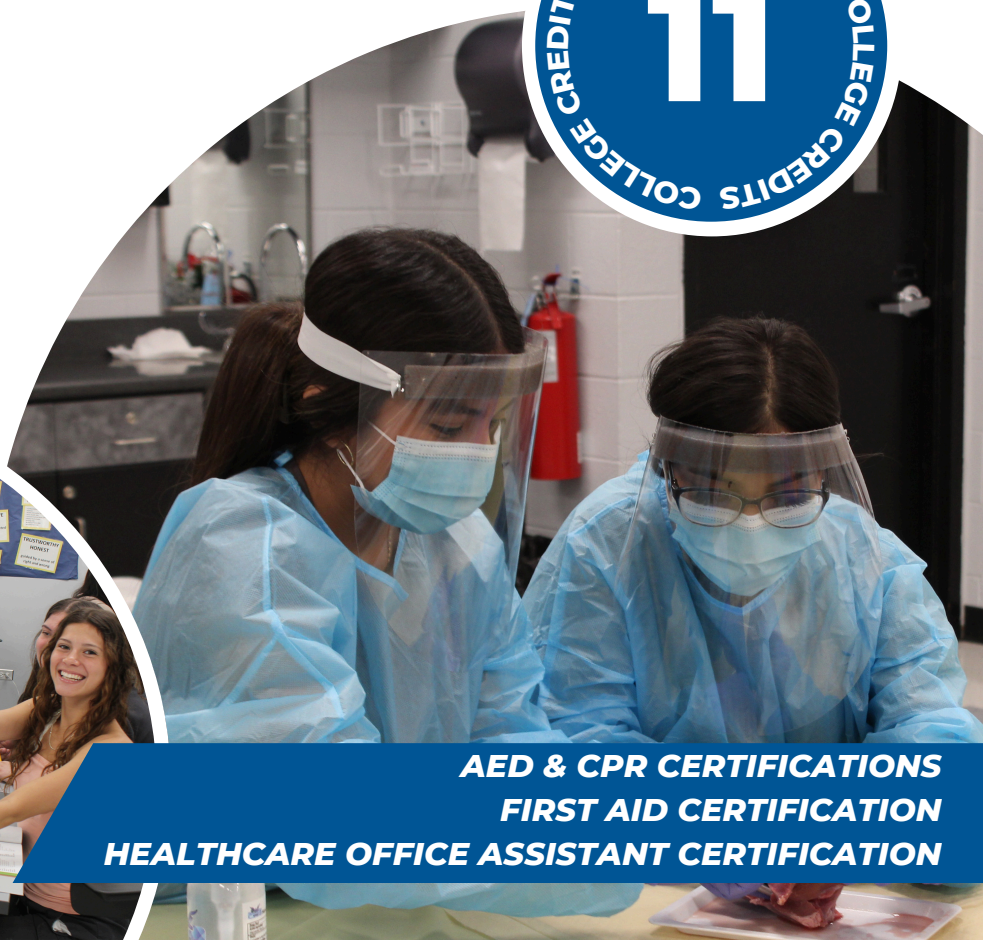
Medical Assistants (MA) save lives and are the HEART of medical offices. The need for well-trained medical assistants is growing very quickly. In healthcare, medical assistants perform essential administrative, clinical duties, and assist in medical procedures under the direct supervision of physicians and other healthcare professionals. At Lake County 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.

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 important clinical skills.

JOB OPPORTUNITIES

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



AED & CPR CERTIFICATIONS
FIRST AID CERTIFICATION
HEALTHCARE OFFICE ASSISTANT CERTIFICATION

LEARN MORE



MULTIMEDIA DESIGN

PROGRAM OVERVIEW

In the first year of Multimedia Design, you'll be introduced to design, art, and digital media through the exploration of 2D and 3D composition. Software programs such as Adobe Photoshop, Illustrator, and InDesign will be utilized to teach design concepts and create compositions. You'll also cover the basics of HTML website creation and the process of creating complex websites through the Adobe XD software. After second semester, you'll become certified in Adobe applications.

The second year has been developed to introduce you to digital video editing and other areas in the field of multimedia that coincide with the video editing process. You'll explore the art of video creation from capturing imagery, sound, editing, and exporting video. You'll also explore the world of 2D animation from scriptwriting, storyboarding, transferring drawings to digital renderings, working with different file formats, and more.

JOB OPPORTUNITIES

- 2D & 3D Animator
- Creative Director
- Desktop Publisher
- Digital Imaging Specialist
- Digital Media Designer
- Filmmaker
- Graphic Designer
- Layout Artist
- Production Artist
- Typographer
- Photographer



ADOBE CERTIFIED PROFESSIONAL SPECIALIST CERTIFICATION



WELDING & FABRICATION

PROGRAM OVERVIEW

This two-year program provides hands-on experiences gained from extensive practice and application of knowledge in shop safety, oxy-fuel welding and burning, arc welding, (stick, MIG, TIG), plasma arc cutting, and automatic shape cutting. Layout and fit-up, blueprint reading, and weld symbols are used to fabricate a variety of metal projects. The American Welding Society (AWS) recognizes the Tech Campus Welding program as an Educational Instruction Member.

WHAT WILL MY CLASSES BE LIKE?

You'll learn MIG, TIG, stick, plasma, laser beam, electron beam, oxyacetylene, and electric arc techniques to join metals like steel and aluminum together. From ocean liners to mountain bikes, construction equipment to race cars, and oil platforms to space shuttles, welding holds the world together, so get fired up about a hot career in welding!

JOB OPPORTUNITIES

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



**AWS CERTIFICATION
SP2 CERTIFICATIONS**

BENEFITS TO ATTENDING TECH CAMPUS

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

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!

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.



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