

330.847.0503

330.847.0503

### Manufacturing Technology

- Invent, design, and produce solutions for complex product challenges from concept to completion
- Experience computer aided design, machining, pattern making, cast metals, materials and processes, welding and computer aided machining
- Explore manufacturing materials and processes in an industrial atmosphere

**Career Focus:** Prepared for immediate employment, advanced certifications, and further education

*College Credit • Certifications*

### Marketing Education

- Foster an entrepreneurial spirit by operating a student-run business using current technology
- Employ visual design skills to merchandise products in an appealing retail environment
- Use your skills in the real world to work and get paid while earning high school credits

**Career Focus:** Prepared for immediate employment and further education

*Certifications • Co-op*

### Power Equipment Mechanics

- Troubleshoot, repair, overhaul, and maintain gas and diesel power-driven machinery
- Operate a wide range of agricultural equipment
- Perform customer service for both commercial and non-profit clients

**Career Focus:** Prepared for immediate employment and further education

*College Credit • Certifications • Advanced Placement*

### Public Safety

- Criminal Justice:
  - Use CSI equipment & techniques to solve crime scenarios
  - Develop your mind and body using advanced self-defense tactics and fitness training
- Firefighting:
  - Experience the thrill of fighting fire by operating a wide range of firefighting and life-saving equipment
- EMT-B:
  - Evaluate and treat victims of accidents or medical emergencies using professional equipment and protocol
- APCO Emergency 911 Dispatcher Certification:
  - Training to take emergency calls in Fire, Police and EMS

**Career Focus:** Prepared for immediate employment as a firefighter and EMT and ready for advanced police and EMT training

*Certifications • College Credit*

### Restaurant Services

- Operate and manage The COVE, an on-site restaurant
- Plan, prepare, and cater breakfast and lunch for special events
- Work side-by-side with professionals in restaurant operation

**Career Focus:** Prepared for professional culinary programs, immediate employment, and further education

*College Credit • Certifications • Scholarships*

### Teaching Academy

#### Career Paths for the Teaching Profession

- Develop the art of instruction by creating dynamic lessons and teaching them to actual students
- Teach side-by-side with professional educators in elementary, middle, secondary, and special needs classrooms
- Assemble a comprehensive, reflective portfolio in preparation for state teacher licensing requirements

**Career Focus:** Prepared for the Para-Pro Certification and a college major in education

### Early Childhood Education

- Create, research, and provide developmentally appropriate preschool materials for children
- Operate a state certified preschool
- Prepare young children for Kindergarten

**Career Focus:** Prepared for college in a teaching career, nanny school, advanced certifications, and immediate employment as a preschool aide

*College Credit • Certifications • Scholarships*

### Visual Design & Imaging

- Design and produce advertising and marketing projects from concept to completion
- Provide excellent customer service while interpreting job specifications, estimating, ordering, and delivering client projects on schedule
- Create a professional portfolio for college and employment showcasing digital photography, print media, and website designs

**Career Focus:** Prepared for immediate employment and further education

*College Credit • Certifications • Advanced Placement*

### Web Design & Application Development (an Information Technology Pathway)

- Design, create and maintain dynamic websites
- Develop and code programs, phone applications and basic games
- Explore the role of media technology for online applications
- Develop knowledge in business with web development

**Career Focus:** Prepared for further education, advanced certifications, and immediate employment as an IT professional

*College Credit • Certifications • Scholarships*

### Welding

- Use advanced welding techniques to design, engineer, build, and troubleshoot complex manufacturing solutions
- Utilize various welding processes to earn essential industry-recognized certifications
- Interpret blueprints and specifications using math and critical thinking

**Career Focus:** Prepared for immediate employment, apprenticeship, advanced certifications, and further education

*College Credit • Certifications • Advanced Placement*

**Stay ahead of the competition!**  
Earn critical business and industry certifications, credentials, required licenses, and college credits.

**Learn more, earn more!**  
Use your career tech experience to fund further education such as college or advanced career training.

### Career Fields Index

#### Agricultural and Environmental Systems

- Animal Science/Equine
- Animal Science/Health and Technology
- Landscape and Design Technology
- Power Equipment Mechanics

#### Arts and Communication

- Visual Design and Imaging

#### Construction Technologies

- Architectural Drafting
- Construction Technology
- Electrical Technology
- Interior Design Technology

#### Education and Training

- Career Paths for the Teaching Profession
- Early Childhood Education
- Teaching Academy

#### Engineering and Science Technologies

- Engineering Technology (PLTW)

#### Health Science

- Biotechnology
- Exercise Science
- Health Science Academy

#### Hospitality and Tourism

- Hospitality Services
- HR Fabric Services
- Restaurant Services

#### Human Services

- Cosmetology

#### IT - Digital Academy

- Computer Networking
- Interactive Multimedia
- Web Design & Application Development

#### Law and Public Safety

- Public Safety

#### Manufacturing Technology

- Welding
- Manufacturing Technology

#### Marketing

- Marketing Education

#### Transportation Systems

- Air Force Jr. ROTC
- Auto Collision Technology
- Auto Services Technology

TRUMBULL CAREER & TECHNICAL CENTER



### How to reach us!

Guidance Department  
330-847-0503, Extension 1005  
1-866-737-6925, Extension 1005  
Fax: 330-847-0339

### Important Dates & Special Events!

Check us out at  
[WWW.TCTCHOME.COM](http://WWW.TCTCHOME.COM)

or on



### How can I apply?

Applications are available on the TCTC website or from your home high school counselor



TRUMBULL CAREER & TECHNICAL CENTER



# Career Opportunities

WWW.TCTCHOME.COM

WWW.TCTCHOME.COM

### Air Force Jr. ROTC

- Develop leadership skills and investigate military, aviation, and physical training
- Plan and participate in color guard and drill team exercises, community service projects, cadet-run events, and trips
- Launch rockets and construct airplanes

**Career Focus:** Prepared for advanced placement in the armed forces, immediate employment, and further education

*College Credits • Scholarships • Higher Rank and Pay*

### Animal Science / Equine

- Ride, exercise, train, groom, and care for horses
- Develop an understanding of stable management, clinical procedures/terminology, and disease prevention
- Take part in competitive equine showing and judging competitions

**Career Focus:** Prepared for immediate employment and further education

*College Credit • Scholarships*

### Animal Science / Health & Technologies

- Explore the field of animal care including animal health, clinical procedures/terminology, and disease prevention
- Develop and apply professional grooming and animal care skills
- Cultivate office management and support skills while providing excellent customer service

**Career Focus:** Prepared for immediate employment and further education

*College Credit • Certifications • Scholarships*

### Architectural Drafting

- Research, imagine, and design residential and commercial structures
- Explore and apply effective space-planning techniques to create appealing and efficient environments
- Use the same design, drafting, and 3D modeling technologies and equipment as professional architects and designers

**Career Focus:** Prepared for college engineering and architecture programs

*College Credit • Early Placement • Scholarships*

### Auto Collision Technology

- Design, paint, and refinish vehicle surfaces using modern welding, sanding, masking, and painting techniques
- Assess, estimate, repair, and replace the body and interior of vehicles
- Use the same repair and refinishing tools used by professionals in the industry

**Career Focus:** Prepared for ASE certifications, immediate employment, and further education

*Certifications • Scholarships • Advanced Placement*

### Auto Services Technology

- Diagnose, maintain, and repair a wide range of vehicles
- Use the same advanced diagnostic and repair equipment as Master Technicians to troubleshoot complex automotive systems
- Optimize vehicle operation and performance using critical thinking and math skills

**Career Focus:** Prepared for ASE Certifications, immediate employment, and college in an advanced auto tech program

*Certifications • College Credit • Scholarships*

### Biotechnology

- Explore molecular biology, organic chemistry, environmental science, and genetic engineering
- Perform advanced laboratory experiments
- Use advanced tools utilized by professionals in the biological and chemical industries

**Career Focus:** Prepared for further education in biological sciences, chemistry, and pre-med

*College Credit • Certifications • Scholarships*

### Community Co-Op

- Explore employment opportunities at various sites
- On-site work-based program that develops employability, job attainment, problem-solving, and life skills
- Mentor with industry professionals to assist with a variety of key support functions

**Career Focus:** Prepared for immediate employment or transition to other programs

### Computer Networking

- Explore the latest and greatest network technologies
- Build and run your own computer network
- Defend your network against hackers
- Create and run network cables
- Design, build and repair computers

**Career Focus:** Prepared for immediate employment, certifications, and further education

*College Credit • Certifications • Early Placement • Scholarships*

### Construction Technology

- Interpret blueprints and specifications to construct wood products and structures from rough lumber to finish grade
- Design digital woodworking templates to be used on a CNC router
- Operate a wide range of professional power tools to perform customer service for both commercial and non-profit clients

**Career Focus:** Prepared for immediate employment, advanced certifications, and further education

*College Credit • Certifications • Advanced Placement*

**Be ready to excel!**

*Develop the expertise, confidence, and work ethic for tomorrow's top careers or professions.*

### Cosmetology

- Experience a modern, full-service interactive salon environment
- Evaluate, recommend, and create hair designs to exceed client expectations
- Use advanced techniques to deliver a wide range of skin care and nail treatments

**Career Focus:** Prepared for immediate employment in a salon/day spa, advanced licensure, and further education

*Certifications • Internships*

### Electrical Technology

- Design, stage, and install commercial and residential electrical wiring for power control systems from rough-in to finish
- Use logical thinking and math to interpret blue prints and layout design
- Troubleshoot analog and digital circuits for safe and efficient operation

**Career Focus:** Prepared for immediate employment with an electrical contractor, apprenticeship, advanced certifications, and further education

*College Credit • Certifications • Advanced Placement*

### Engineering Technology Project Lead the Way

- Invent, design, and produce solutions for complex engineering challenges from concept to completion
- Experience advanced robotics, electronics, computer aided design, and computer aided machining technologies
- Explore mechanical, electrical, and civil engineering using math and science

**Career Focus:** Prepared for college engineering programs and immediate manufacturing employment

*College Credit • Scholarships • Advanced Placement*

### Exercise Science

- Study everything about the human body, from bones and muscles to skin and tissue
- Learn how to condition the body
- Learn injury recognition and prevention, exercise programming, nutrition and weight loss management and employability traits

**Career Focus:** Prepared for immediate employment in a fitness center or health spa as a personal trainer (NASM) or physical therapy aid. Prepared for further education in Exercise Science

*College Credit • Scholarships • Advanced Placement*

### Health Science Academy

- Apply advanced health care concepts, processes and diagnostic procedures in a clinical environment
- Develop professional work ethic, medical skills, and patient/client care and confidentiality
- Emphasis on medical terminology, anatomy, physiology, and pharmacology

**Career Focus:** Prepared for professional certification, immediate employment, and further education

*Certifications • Scholarships • Clinical Experiences*

**Get connected!**

*Meet students who have similar goals, interests, and talents in a friendly environment.*

**Learn from experts!**

*Connect with industry-experienced instructors to acquire technical and academic skills for high-wage, high-demand careers.*

### Hospitality Services

- Work in a hospital assisting professionals in performing key support functions
- Provide quality customer service through a variety of hospitality and banquet setups for special events
- Develop meal plans, shop, prepare, cook, and serve meals with artistic presentation

**Career Focus:** Prepared for immediate employment and further education

*Certifications*

### HR Fabric Services

- In-school work-based program that develops employability, problem-solving, and life skills
- Provide customer service by managing an industrial laundry and school-based clothing bank
- Operate the same commercial equipment used by professionals

**Career Focus:** Prepared for immediate employment or transition to other programs

### Interactive Multimedia

- Visualize, direct, and produce professional video and audio content for commercial broadcast
- Design, create, and deliver dynamic print media
- Use the same software and equipment as media professionals

**Career Focus:** Prepared for immediate employment, certifications, and further education

*College Credit • Early Placement • Scholarships*

### Interior Design

- Create a wide range of dynamic environments for residential and commercial spaces
- Integrate various design elements, furnishings, and building materials to complete custom projects
- Explore building design styles and apply to individual project needs

**Career Focus:** Prepared for immediate employment and further education

*Certifications • Advanced Placement*

### Job Training

- In-school work-based program that develops employability, problem-solving, and life skills
- Provide customer service by delivering supplies and materials through a procurement logistics system
- Mentor with industry professionals to assist with a variety of key support functions.

**Career Focus:** Prepared for immediate employment or transition to other programs

### Landscape & Design Technology

- Utilize an extensive knowledge of plants and creative design elements in a full-service greenhouse environment
- Design, install, and maintain creative non-profit and commercial landscapes
- Operate and maintain professional landscape equipment

**Career Focus:** Prepared for immediate employment and further education

*College Credit • Certifications • Advanced Placement*