

WHY CTE?

- Hands-on Learning – don't just read about it, do it!
- Career field trips and college visits
- New friends
- Equipment, equipment, equipment! – learn to use cutting-edge technology and techniques
- Concurrent Enrollment college credits
- Internship placements
- Employment certifications and direct job opportunities
- National student leadership organizations

#CTELearnToEarn

For more information on
Career and Tech Programs, visit
<http://tstboces.org/career-and-technical-education>

TST BOCES

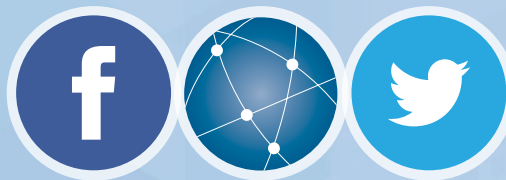
TOMPKINS • SENECA • TIOGA

555 Warren Road • Ithaca, NY 14850

Tuition, books and transportation are provided and paid for by your high school. Career and Technical Education is designed to fit within your high school requirements, specifically the Regents curriculum.

The Tompkins-Seneca-Tioga Board of Cooperative Educational Services does not discriminate on the basis of race, color, creed, national origin, political affiliation, sex, age, marital or veteran status, disability, religious practice, ethnic group, gender expression and identity, weight, or genetic predisposition in its programs and activities and provides equal access to the Boy Scouts and other designated youth groups.

Come connect with us!



For more information visit,
tstboces.org/career-and-technical-education/
or call 607-257-1555, ext. 2000

CINDY WALTER

Director of Career and Technical Education
cwalter@tstboces.org

JEFFREY PODOLAK

Principal of Career and Tech Center
jpodolak@tstboces.org



CAREER AND TECH PROGRAMS

**Come See
What You Can Be
With CTE**

TST BOCES
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ANIMAL SCIENCE

Care for a variety of animals. Learn veterinary medical procedures. Study nutrition, behavior, and anatomy and physiology of animals.

AUTO BODY

Learn collision repair and auto restoration skills. Repair accidental damage, dents and rust on cars and create customized paint graphics through airbrushing.

AUTO TECHNOLOGY

NATEF nationally certified automotive program. Operate computer diagnostic equipment to troubleshoot mechanical issues. Examine electrical, emission and exhaust systems, plus engine maintenance and repair.

COMPUTER TECHNOLOGY/ CYBERSECURITY

Use CSI skills to analyze digital forensics. Design computer networks and investigate cyber-attacks. Build and repair PC's and laptops. Learn computer hacking, password cracking, encryption and scripting.

COSMETOLOGY

Learn hair cutting, coloring and styling techniques. Perform spa treatments, including: manicures, pedicures, hand massage, waxing and facials.

CRIMINAL JUSTICE

Analyze crime scenes. Study criminal and civil law, plus arrest and court procedures. Learn patrolling skills, self-defense and security techniques.

CULINARY ARTS

Learn cooking techniques, equipment operation, nutrition and safety procedures in a restaurant-style kitchen. Practice short order and quantity cooking. Manage and operate the Horizon Café.

DIGITAL MEDIA TECHNOLOGY

Create graphic design projects and digital video productions and gain experience in the Adobe Creative Suite. Use 2D and 3D animation techniques through storytelling and video game design programs, such as: Adobe Animate, Autodesk 3dsMax, GameMaker Studio and Unreal Engine.

EARLY CHILDHOOD

Study physical, social/emotional and intellectual development of children. Design and implement lesson plans for preschool students. Participate in professional, off-campus internships in the community.

HEAVY EQUIPMENT

Diagnose and repair heavy equipment, farm machinery and heavy-duty trucks. Operate and maintain landscape equipment. Practice preventive maintenance on diesel engines.

NURSE ASSISTING & HEALTH OCCUPATIONS

Care for patients in hospitals, private homes and long-term care nursing facilities. Learn anatomy and physiology, body structure and functions, and legal aspects of health care.

SPORTS CONDITIONING & EXERCISE SCIENCE

Explore the science of human health through exercise and conditioning. Study anatomy and physiology, kinesiology, flexibility, mobility and nutrition. Create personalized fitness programs to improve overall health.

WELDING

Manipulate metal using a variety of welding techniques, such as: MIG, TIG, arc welding and plasma cutting. Produce artistic designs and patterns with the CNC plasma machine.