

Program Overview

The mission of Central Ohio Technical College is to meet the technical education and training needs of students and employers in the area.



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Fire Science Technical Rescue Technology

Technical Resue is a highly specialized “high risk/low frequency” area of Fire Department operations that requires a disproportionate amount of training and education when compared to “lowrisk/high frequency” operations in Fire and Emergency Services (FES). The Fire Science Technical Rescue (FSTR) degree program not only meets the needs of students, but also satisfies the demands of the area job market, improves employability of students and significantly improves technical rescue and scene/administrative management skills. Successful completion of this program uniquely qualify/position the individual for advancement in the Fire department, particularly at the “company officer level”. Professional competencies accomplished through this degree also provide a safer work environment for firefighters and significantly increase the chances of successful victim rescue and improved patient outcomes in a high risk environment.

This degree is a cooperative venture between COTC and the Ohio Fire Academy (OFA). OFA is the only training organization accredited through the International Fire Service Accreditation Congress (IFSAC) in the state of Ohio. OFA provides a comprehensive offering of National Fire Protection Association (NFPA) 1006 compliant, IFSAC accredited technical rescue courses (NFPA 1006: Standard for Technical Rescue Personnel Professional Qualifications).

Learning Outcomes

Upon successful completion of this degree, the student should be able to:

- Satisfy and provide for incident-specific scene safety requirements
- Meet NFPA 1006 requirements for

specific technical rescue areas/disciplines at the Awareness, Operations and where applicable Technician levels

- Demonstrate and apply team leadership/management skills
- Understand the impact of building construction, fire behavior/combustion and general safety principles during technical rescue incidents
- Demonstrate good communication and critical thinking skills
- Recognize the importance of continuing education
- Demonstrate sound management and leadership skills in technical rescue planning and operations

Important Student Characteristics

Students interested in Fire Science Technical Rescue (FSTR) are aspiring or current firefighters and Fire “company level” officers working towards advancement and/or specific competencies in the operations and management of technical rescue incidents. Skills and characteristics of a successful firefighter/fire officer in Fire Science Technical Rescue include:

- Early to mid-career firefighter or company officer
- Desire to excel in your profession.
- Ability to work as part of a team
- Dedication
- Discipline
- Decisiveness
- Empathy
- Flexibility
- Physical and psychological strength

Admission Requirements

Students must possess current firefighter I certification to gain entrance into the Technical Rescue Program.

- FIRE-111 (Ohio Fire Fighter I)

Career Opportunities

Employment opportunities for students completing their Fire Science Technical Rescue degree include:

- Fire Officers
- Firefighters
- Department of Defense Firefighters/Officers
- Industrial Firefighters/Fire Officers
- Private Fire Protection

Transferability

The Fire Science Technical Rescue program is designed to allow graduates to move seamlessly to bachelor’s degree programs. COTC has transfer agreements with numerous universities throughout the country.

How do I Get Started?

New students can complete the **free** online application for admission at cotc.edu/apply. Current or returning students can contact The Gateway at any of our four campus locations for your next steps.

The Gateway:

Newark Campus	740.366.9222 800.963.9275
Coshocton Campus	740.622.1408
Knox Campus	740.392.2526
Pataskala Campus	740.755.7090

cotc.edu/gateway

See reverse side for more information.

COTC Admissions:
cotcadmissions@mail.cotc.edu

COTC Academic Advising:
cotcadvising@mail.cotc.edu

For specific questions regarding Fire Science
Technical Rescue Technology contact:

- Gary Johnson, MBA, MIFireE
Assistant Professor/Program Director
740.755.7096 or
johnson.6214@mail.cotc.edu

Accreditation/ Membership

Central Ohio Technical College is accredited
by The Higher Learning Commission and is a
member of the North Central Association.

Phone: 312.263.0456

hlcommission.org

COTC is also a member of the American
Association for Higher Education, the
American Association of Community
Colleges, the American Council on
Education, the American Technical
Education Association, Inc., the Ohio
Association of Two-Year Colleges and the
Ohio College Association.

Non-Discrimination Statement

Central Ohio Technical College is committed
to building and maintaining a diverse
community to reflect human diversity, and to
improve opportunities for all. The college is
committed to equal opportunity
and eliminating discrimination. This
commitment is both a moral imperative
consistent with an intellectual community that
celebrates individual differences and
diversity, as well as matter of law. Central
Ohio Technical College does not discriminate
on the basis of age, ancestry, color,
disability, gender, gender identity or
expression, genetic information, HIV/AIDS
status, military status (past, present or
future), national origin (ancestry), race,
religion, sex, sexual orientation, protected
veteran status, status as a parent during
pregnancy and immediately after the birth of
a child, status as a parent of a young child,
status as a foster parent or any other basis
under the law, in its activities, programs,
admission and employment. General
information, questions, concerns or
complaints related to these matters are to be
directed to the Title IX Coordinator Holly
Mason, Warner Center, Suite 236, Ohio
State Newark/COTC, 1179 University Drive,

Newark, Ohio 43055-1797 (740.364.9578) or
ADA/504 Coordinator Connie Zang at the
same location.



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