

Fire Technology

These are special topics courses related to Fire Technology, and are *restricted* to those holding a current Firefighter 1 Certificate. For more information, please call Dr. Diane Hollems, Dean, Educational Programs, (805) 683-8281.

Coordinator and Office

Diane Hollems, *Dean*
(Wake Center, Room 1, ext. 8281)

Courses Offered

FT 200 — Aircraft Rescue (2.5)

Skills Advisories: Eligibility for ENG 100 and ENG 103
Limitation on Enrollment: Current FAA Firefighter certification/Firefighter 1 Certificate and EMT certification
Hours: 45 lecture

Aircraft rescue and firefighting techniques, including tactics, extinguishing agents, and aircraft and airport familiarization.

FT 201 — Pathogens Refresher (0.3)

Skills Advisories: Eligibility for ENG 100 and ENG 103
Limitation on Enrollment: Firefighter 1 Certificate
Hours: 5 lecture

Risks of occupational exposure to pathogens; techniques for reducing risks, including protective clothing protocols; and techniques for dealing with those exposed to infectious diseases.

FT 202 — First Responder Hazmat (1.0)

Skills Advisories: Eligibility for ENG 100 and ENG 103
Limitation on Enrollment: Firefighter 1 Certificate
Hours: 18 lecture

Provides first responders with improved capability to respond to hazmat events in a confident and safe manner.

FT 203 — Rope Rescue (0.5)

Skills Advisories: Eligibility for ENG 100 and ENG 103
Limitation on Enrollment: Firefighter 1 Certificate
Hours: 9 lecture

Review of rope rescue techniques, including anchor systems and knots, mechanical advantage systems, raising and lowering systems, and patient packaging.

FT 204 — Shoring and Breaching (0.5-1.0)

Skills Advisories: Eligibility for ENG 100 and ENG 103
Limitation on Enrollment: Firefighter 1 Certificate
Hours: 9 lecture

Special search and rescue skills for firefighters, including emergency shoring of buildings and trenches. Teaches breaching of collapsed buildings and structures for search and rescue.

FT 205 — Trench Operations (0.5)

Skills Advisories: Eligibility for ENG 100 and ENG 103
Limitation on Enrollment: Firefighter 1 Certificate
Hours: 9 lecture

Techniques used in unsupported trench rescue, including storm and sewer lines, wells and cliff collapses.

FT 206 — Vehicle Extrication (0.5-1.5)

Skills Advisories: Eligibility for ENG 100 and ENG 103
Limitation on Enrollment: Firefighter 1 Certificate and current EMT certification
Hours: 27 lecture

Systematic approach to vehicle extrication techniques, followed by review and application of theory and practices.

FT 207 — Water Rescue (0.3)

Skills Advisories: Eligibility for ENG 100 and ENG 103
Limitation on Enrollment: Firefighter 1 Certificate
Hours: 5 lecture

Information and techniques to safely effect rescue of a victim in an aquatic environment. Emphasizes fire department rescue procedures.

FT 208 — Wildland Firefighting

(0.5)

Skills Advisories: Eligibility for ENG 100 and ENG 103

Limitation on Enrollment: Firefighter 1 Certificate

Hours: 9 lecture

Firefighting techniques for those with primary and secondary wildland fire responsibilities, as well as those who may be intermittently called into a wildfire situation.

FT 209 — Rapid Intervention

(0.3-0.5)

Skills Advisories: Eligibility for ENG 100 and ENG 103

Limitation on Enrollment: Firefighter 1 Certificate

Hours: 5-9 lecture

Systematic approach to search and rescue techniques for rapid intervention crews.

FT 210 — Confined Space

(0.5)

Skills Advisories: Eligibility for ENG 100 and ENG 103

Limitation on Enrollment: Firefighter 1 Certificate

Hours: 9 lecture

Firefighter guidelines and practice for entry and rescue operations for extricating person(s) trapped in a confined space.