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# 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*

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*

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*

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*

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*

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*

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*

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*

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

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**FT 208 — Wildland Firefighting**

**(0.5)**

*Skills Advisories: Eligibility for ENG 100 and ENG 103*

*Limitation on Enrollment: Firefighter 1 Certificate*

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*

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*

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