Fire Technology

These are special topics courses related to Fire Technology, and are restricted to those holding a current Firefighter 1 Certificate.

Staff and Office
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Fire Technology Courses

FT 200 — Aircraft Rescue  
(2.5) — CSU  
Skills Advisories: Eligibility for ENG 100 and 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) — CSU  
Skills Advisories: Eligibility for ENG 100 and 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) — CSU  
Skills Advisories: Eligibility for ENG 100 and 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) — CSU  
Skills Advisories: Eligibility for ENG 100 and 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) — CSU  
Skills Advisories: Eligibility for ENG 100 and 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) — CSU  
Skills Advisories: Eligibility for ENG 100 and 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) — CSU  
Skills Advisories: Eligibility for ENG 100 and 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) — CSU  
Skills Advisories: Eligibility for ENG 100 and 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) — CSU  
Skills Advisories: Eligibility for ENG 100 and 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) — CSU
Skills Advisories: Eligibility for ENG 100 and 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) — CSU
Skills Advisories: Eligibility for ENG 100 and 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.