



**FIP-136      Inspections & Codes      3 (3-0)    Fall****Prerequisites:** None**Corequisites:** None

This course covers the fundamentals of fire and building codes and procedures to conduct an inspection referenced in NFPA standard 1730. Topics include review of fire and building codes, writing inspection reports, identifying hazards, plan reviews, site sketches, and other related topics. Upon completion, students should be able to conduct a fire code compliance inspection and produce a written report.(2014 FA)

**FIP-152      Fire Protection Law      3 (3-0)    Spring****Prerequisites:** None**Corequisites:** None

This course covers fire protection law as referenced in NFPA standard 1. Topics include legal terms, contracts, liability, review of case histories, and other related topics. Upon completion, students should be able to discuss laws, codes, and ordinances as they relate to fire protection.(2014 FA)

**FIP-220      Fire Fighting Strategies      3 (3-0)    Spring****Prerequisites:** None**Corequisites:** None

This course provides preparation for command of initial incident operations involving emergencies within both the public and private sector referenced in NFPA standards 1561, 1710, and 1720. Topics include incident management, fire-ground tactics and strategies, incident safety, and command/control of emergency operations. Upon completion, students should be able to describe the initial incident system as it relates to operations involving various emergencies in fire and non-fire situations.(2014 FA)

**FIP-224      Fire Instructor I & II      4 (4-0)    Fall****Prerequisites:** None**Corequisites:** None

This course covers the knowledge, skills, and abilities needed to train others in fire service operations. Topics include planning, presenting, and evaluating lesson plans, learning styles, use of media, communication, and other related topics. Upon completion, students should be able to meet the requirements of the Fire Instructor I and II objectives from National Fire Protection Association (NFPA) 1041.(2014 FA)

**FIP-228      Local Govt Finance      3 (3-0)    Spring****Prerequisites:** None**Corequisites:** None

This course introduces local governmental financial principles and practices. Topics include budget preparation and justification, revenue policies, statutory requirements, audits, and the economic climate. Upon completion, students should be able to comprehend the importance of finance as it applies to the operations of a department.(2014 FA)

## COURSE DESCRIPTIONS

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**FIP-230 Chem of Hazardous Mat I 5 (5-0) Fall**
**Prerequisites:** None**Corequisites:** None

This course covers the evaluation of hazardous materials referenced in NFPA standard 1072. Topics include use of the periodic table, hydrocarbon derivatives, placards and labels, parameters of combustion, and spill and leak mitigation. Upon completion, students should be able to demonstrate knowledge of the chemical behavior of hazardous materials.(2014 FA)

**FIP-232 Hydraulics & Water Dist 3 (2-2) Fall****Prerequisites:** None**Corequisites:** None

This course covers the flow of fluids through fire hoses, nozzles, appliances, pumps, standpipes, water mains, and other devices reference in NFPA standard 25. Emphasis is placed on supply and delivery systems, fire flow testing, hydraulic calculations, and other related topics. Upon completion, students should be able to perform hydraulic calculations, conduct water availability tests, and demonstrate knowledge of water distribution systems.(2014 FA)

**FIP-240 Fire Service Supervision 3 (3-0) Spring****Prerequisites:** None**Corequisites:** None

This course covers supervisory skills and practices in the fire protection field. Topics include the supervisor's job, supervision skills, the changing work environment, managing change, organizing for results, discipline and grievances, and safety. Upon completion, students should be able to demonstrate an understanding of the roles and responsibilities of effective fire service supervision, meeting elements of NFPA 1021.(2014 FA)

**FIP-256 Munic Public Relations 3 (3-0) Spring****Prerequisites:** None**Corequisites:** None

This course is a general survey of municipal public relations and their effect on the governmental process referenced in NFPA standard 1035. Topics include principles of public relations, press releases, press conferences, public information officers, image surveys, and the effects of perceived service on fire protection delivery. Upon completion, students should be able to manage public relations functions of organizations which meet elements of NFPA 1021 for Fire Officer I and II.(2014 FA)

**FIP-276 Managing Fire Services 3 (3-0) Spring****Prerequisites:** None**Corequisites:** None

This course provides an overview of fire department operative services referenced in NFPA standard 1021. Topics include finance, staffing, equipment, code enforcement, management information, specialized services, legal issues, planning, and other related topics. Upon completion, students should be able to understand concepts and apply fire department management and operations principles.(2014 FA)