

# FIRE EMERGENCY SERV ADMIN-FESA (FESA)

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## Courses

### FESA 310 Fire Service Leadership Credits: 3 (0-0-3)

**Course Description:** Theory, practice, and application of ethical leadership in public safety; developing personal ethics and leadership skills and abilities.

**Prerequisite:** None.

**Registration Information:** Offered as an online course only.

**Term Offered:** Fall.

**Grade Mode:** Traditional.

**Special Course Fee:** No.

### FESA 330 Industrial Processes and Fire Protection Credits: 3 (0-0-3)

**Course Description:** Industrial processes and fire protection managed by fire and safety personnel.

**Prerequisite:** None.

**Registration Information:** Offered as an online course only.

**Term Offered:** Summer (even years).

**Grade Mode:** Traditional.

**Special Course Fee:** No.

### FESA 331 Structure Influence on Tactics and Strategy Credits: 3 (3-0-0)

**Course Description:** How construction type, alterations, design and materials influence a building's reaction to fire. Fireground influence on tactics and strategy.

**Prerequisite:** None.

**Registration Information:** Offered as an online course only.

**Terms Offered:** Fall, Summer.

**Grade Mode:** Traditional.

**Special Course Fee:** No.

### FESA 333 Proposals/Reports in Fire Service Management Credits: 3 (0-0-3)

**Course Description:** Process of preparing reports and developing a proposal supported by research. Introduction to research techniques, Internet and library use; conventions of documentation.

**Prerequisite:** None.

**Registration Information:** Offered as an online course only.

**Terms Offered:** Fall, Spring.

**Grade Mode:** Traditional.

**Special Course Fee:** No.

### FESA 334 Orientation to Experiential Learning Credit: 1 (0-0-1)

**Course Description:** Demonstration of knowledge, skill, and professional experience for the purpose of enhancing documentation and career development skills.

**Prerequisite:** None.

**Registration Information:** Offered as an online course only.

**Terms Offered:** Fall, Spring.

**Grade Mode:** Traditional.

**Special Course Fee:** No.

### FESA 335 Trends in Fire Science Technologies Credits: 3 (0-0-3)

**Course Description:** Analytical tools designed to evaluate, align, select, and implement emerging fire science technologies.

**Prerequisite:** None.

**Registration Information:** Offered as an online course only.

**Term Offered:** Spring.

**Grade Mode:** Traditional.

**Special Course Fee:** No.

### FESA 336 Fire Emergency Services Administration Credits: 3 (0-0-3)

**Course Description:** Fire and emergency service administrative structures and processes. Examination of management and leadership models and applications.

**Prerequisite:** None.

**Registration Information:** Offered as an online course only.

**Terms Offered:** Fall, Spring.

**Grade Mode:** Traditional.

**Special Course Fee:** No.

### FESA 337 Policy and Public Administration Credits: 3 (3-0-0)

**Course Description:** Political and legal foundations of fire and emergency services. Public administration concepts, decision making and policy development.

**Prerequisite:** FESA 334.

**Registration Information:** Offered as an online course only.

**Term Offered:** Spring.

**Grade Mode:** Traditional.

**Special Course Fee:** No.

### FESA 338 Essentials of Emergency Management Credits: 3 (3-0-0)

**Course Description:** Emergency management theory; mitigation, planning, response, and recovery in large-scale incidents. Development/operation of emergency operation centers.

**Prerequisite:** None.

**Registration Information:** Offered as an online course only.

**Term Offered:** Fall.

**Grade Mode:** Traditional.

**Special Course Fee:** No.

### FESA 339 Incident Command Systems Credits: 3 (0-0-3)

**Course Description:** Theory and application of incident command systems (ICS) to the command and coordination of major emergency operations.

**Prerequisite:** FESA 334.

**Registration Information:** Offered as an online course only.

**Term Offered:** Summer.

**Grade Mode:** Traditional.

**Special Course Fee:** No.

### FESA 341 Fire Officer I-A Credits: 3 (3-0-0)

**Course Description:** Fire officer competencies at the supervisory level of performance, as confirmed by NFPA Standard 1021, Level I, 4.1 to 4.4.

**Prerequisite:** None.

**Registration Information:** Enrollment in FESA program or written consent of instructor. Offered as an online course only.

**Term Offered:** Fall (odd years).

**Grade Mode:** Traditional.

**Special Course Fee:** No.

### FESA 342 Fire Officer I-B Credits: 3 (3-0-0)

**Course Description:** Fire officer competencies at the supervisory level of performance, as confirmed by NFPA Standard 1021, Level II, 4.5 to 4.7.

**Prerequisite:** FESA 341 with a minimum grade of C.

**Registration Information:** Offered as an online course only.

**Term Offered:** Fall (odd years).

**Grade Mode:** Traditional.

**Special Course Fee:** No.

**FESA 431 Emergency Medical Services Management Credits: 3 (0-0-3)**  
**Course Description:** Emergency medical service models, design implementation, evaluation. Interactions with health care systems, public policy and public health systems.  
**Prerequisite:** FESA 432 and FESA 433.  
**Registration Information:** Offered as an online course only.  
**Term Offered:** Spring (odd years).  
**Grade Mode:** Traditional.  
**Special Course Fee:** No.

**FESA 432 Fire and Emergency Services Budgeting Credits: 3 (3-0-0)**  
**Course Description:** Application of emergency service budgeting systems with emphasis on revenues, public financial controls, capital funding and performance measures.  
**Prerequisite:** FESA 333 and FESA 336.  
**Registration Information:** Offered as an online course only.  
**Terms Offered:** Fall, Spring.  
**Grade Mode:** Traditional.  
**Special Course Fee:** No.

**FESA 433 Fire and Emergency: Human Resources Credits: 3 (3-0-0)**  
**Course Description:** Theory, practice, and models of human resources applied to emergency organizations; workforce development, HR functions, and labor relation.  
**Prerequisite:** FESA 333 and FESA 336.  
**Registration Information:** Offered as an online course only.  
**Terms Offered:** Fall, Spring.  
**Grade Mode:** Traditional.  
**Special Course Fee:** No.

**FESA 434 Training Program Management Credits: 3 (0-0-3)**  
**Course Description:** Development of agency training and education programs. Utilization of training and education practices, resources, facilities and technologies.  
**Prerequisite:** FESA 432 and FESA 433.  
**Registration Information:** Offered as an online course only.  
**Term Offered:** Spring (even years).  
**Grade Mode:** Traditional.  
**Special Course Fee:** No.

**FESA 435 Volunteer/Combination Organization Management Credits: 3 (0-0-3)**  
**Course Description:** Development and management of fire and emergency service organizations with volunteer and combination resources.  
**Prerequisite:** FESA 432 and FESA 433.  
**Registration Information:** Offered as an online course only.  
**Term Offered:** Fall (even years).  
**Grade Mode:** Traditional.  
**Special Course Fee:** No.

**FESA 436 Fire Protection Through Model Building Codes Credits: 3 (0-0-3)**  
**Course Description:** Overview of the most current fire codes that are used across the United States. Discussion of fire inspection methodology and enforcement practices.  
**Prerequisite:** None.  
**Registration Information:** Offered as an online course only.  
**Term Offered:** Spring.  
**Grade Mode:** Traditional.  
**Special Course Fee:** No.

**FESA 437 Fire and Emergency: Legal Considerations Credits: 3 (0-0-3)**  
**Course Description:** Fire Service in relation to the complex legal system of the United States, individual states and local jurisdictions.  
**Prerequisite:** FESA 432 and FESA 433.  
**Registration Information:** Offered as an online course only.  
**Term Offered:** Fall.  
**Grade Mode:** Traditional.  
**Special Course Fee:** No.

**FESA 438 Prevention Program Management Credits: 3 (3-0-0)**  
**Course Description:** Design, implementation, and evaluation of fire and risk prevention programs using education, engineering, and enforcement approaches.  
**Prerequisite:** FESA 432 and FESA 433.  
**Registration Information:** Offered as an online course only.  
**Term Offered:** Fall.  
**Grade Mode:** Traditional.  
**Special Course Fee:** No.

**FESA 441 Fire Officer II-A Credits: 3 (3-0-0)**  
**Course Description:** Fire officer competencies at the supervisory/managerial level of performance, as confirmed by NFPA Standard 1021, Level II, 5.1 to 5.4.  
**Prerequisite:** FESA 342 with a minimum grade of C.  
**Registration Information:** Offered as an online course only.  
**Term Offered:** Fall (even years).  
**Grade Mode:** Traditional.  
**Special Course Fee:** No.

**FESA 442 Fire Officer II-B Credits: 3 (3-0-0)**  
**Course Description:** Fire officer competencies at the supervisory/managerial level of performance, as confirmed by NFPA Standard 1021, Level II, 5.5 to 5.7.  
**Prerequisite:** FESA 441 with a minimum grade of C.  
**Registration Information:** Offered as an online course only.  
**Term Offered:** Fall (even years).  
**Grade Mode:** Traditional.  
**Special Course Fee:** No.

**FESA 467 Integrated Management Simulation Credits: 3 (0-0-3)**  
**Course Description:** Integration management and administrative knowledge and skills in the development of a fire and emergency service management simulation.  
**Prerequisite:** FESA 432 and FESA 433.  
**Registration Information:** Offered as an online course only.  
**Term Offered:** Spring.  
**Grade Mode:** Traditional.  
**Special Course Fee:** No.

**FESA 492 Seminar Credits: Var[1-3] (0-0-0)**  
**Course Description:** Discussion and documentation of professional experience in fire and emergency services.  
**Prerequisite:** None.  
**Registration Information:** Written consent of instructor. Offered as an online course only.  
**Terms Offered:** Fall, Spring.  
**Grade Mode:** S/U Sat/Unsat Only.  
**Special Course Fee:** No.

**FESA 495 Independent Study Credits: Var[1-6] (0-0-0)**

**Course Description:**

**Prerequisite:** None.

**Registration Information:** Admission to the FESA B.S. program; written consent of instructor. Offered as an online course only.

**Terms Offered:** Fall, Spring, Summer.

**Grade Mode:** S/U Sat/Unsat Only.

**Special Course Fee:** No.