FSA Bachelor Degree Core Courses

FSA 3323 Fire and Emergency Services Administration

Course Description: This course is designed to be a progressive primer for students who want more knowledge about fire and emergency services administration. The course demonstrates the importance of the following skills, necessary to manage and lead a fire and emergency services department through the challenges and changes of the 21st century: Persuasion and influence, accountable budgeting, anticipation of challenges and the need for change, and using specific management tools for analyzing and solving problems. A central part of the course focuses on how the leadership of a fire and emergency services department develops internal and external cooperation to create a coordinated approach to achieving the department's mission. Prerequisites: FSA 2201

FSA 3323 Course Outcomes

CO1. Define and discuss the elements of effective departmental organization.

CO2. Classify what training and skills are needed to establish departmental organization.

CO3. Analyze the value of a community-related approach to risk reduction.

CO4. Outline the priorities of a budget planning document while anticipating the diverse needs of a community.

CO5. Assess the importance of positively influencing community leaders by demonstrating effective leadership.

CO6. Analyze the concept of change and the need to be aware of future trends in fire management.

CO7. Report on the importance of communications technology, fire service networks, and the Internet when conducting problem-solving analysis and managing trends.

CO8. Develop a clear understanding of the national assessment models and their respective approaches to certification.

FSA 3325 Personnel Management for the Fire Service

Course Description: This course examines relationships and issues in personnel administration and human resource development within the context of fire-related organizations, including personnel management, organizational development, productivity, recruitment and selection, performance management systems, discipline, and collective bargaining. Prerequisites: FSA 2201/HSEM 1105, and FSA 2202

FSA 3325 Course Outcomes

CO1. Identify and explain contemporary personnel management issues.

CO2. Explain potential personnel management issues.

CO3. Classify the collective rules, procedures, laws, policies that relate to personnel management issues.

CO4. Analyze simple/complex personnel management issues from recruitment to retirement.

CO5. Formulate recommendations and solutions to personnel management issues.

CO6. Explore organizational development and leadership styles and how they relate to personnel relationships.

FSA 3326 Fire Prevention Organization and Management

Course Description: This course is designed to help the current and future leaders of the fire service to understand the factors that shape fire risks within a community and the tools of fire prevention. This includes an understanding of the risk itself, the sources of those risks, and the elements of fire prevention for reducing or preventing fire risk. The course will also focus on providing the fire service leader with an understanding of the forces that effect fire risk and prevention and the framework for the design of a more effective fire prevention strategy approach. Prerequisites: FSA 1103

FSA 3326 Course Outcomes

CO1. Describe aspects of risk reduction education and overall community risk reduction.

CO 2. Explain the fundamental aspects of codes and standards, and the inspection and plan review process.

CO3. Describe the fire investigation process and discuss fire prevention research.

CO4. Discuss historical and social influences and describe the master planning process.

CO5. Describe economic and governmental influences on fire prevention.

CO6. Explain the effects of departmental influences on fire prevention programs and activities.

CO7. Discuss strategies for fire prevention.

FSA 3329 Political and Legal Foundations of Fire Protection

Course Description: This course examines the legal aspects of the fire service and the political and social impacts of legal issues. This course includes a review of the American legal system and in-depth coverage of legal and political issues involving employment and personnel matters, administrative and operational matters, planning and code enforcement, and legislative and political processes with regard to the fire service**.** Prerequisites: FSA 2202

FSA 3329 Course Outcomes

CO1. Identify potential legal and political issues in fire and emergency services.

CO2. Describe legal lessons learned from recent cases, and identify best practices in the fire service to avoid legal liability.

CO3. Analyze and apply legal rules and political issues to manage risk.

CO4. Formulate political and legal conclusions and recommendations based on the analysis.
CO5. Locate and apply recent legal and legislative online resources.

FSA 3331 Community Risk Reduction for Fire and Emergency Services

Course Description: This course provides a theoretical framework for the understanding of the ethical, sociological, organizational, political, and leg al components of community risk reduction, and a methodology for the development of a comprehensive community risk reduction plan. Prerequisites: FSA 1103.

FSA 3331 Course Outcomes

CO1. Become champions of risk reduction.

CO2. Develop and meet risk reduction objectives.

CO3. Identify and develop intervention strategies.

CO4. Implement a risk reduction program.

CO5. Review and modify risk reduction programs.

FSA 3333 Application of Fire Research

Course Description: This course introduces the basic principles and history related to the national firefighter life safety initiatives, focusing on the need for cultural and behavior change throughout the emergency services. Prerequisites: none.

FSA 3333 Course Outcomes

CO1. Locate, evaluate, and analyze fire-related research.

CO2. Demonstrate the application of fire research to a research problem related to one of the course topics.

CO3. Conduct a literature review of current research on a fire-related topic.

CO4. Write a fire-related research proposal.

CO5. Design a research plan using one or more qualitative and/or quantitative methodologies.