Course Description
FS 250. Fire Command. 3 hours credit. Prerequisite: FS100 or currently enrolled in FS 100. This course will enable the student to gain a basic understanding of the command roles and responsibilities during fires and other emergency incidents. The student will be able to identify life threatening and non-life threatening situations during emergencies, and based on given data will be able to effectively manage the emergency utilizing resources and various tactics and strategies.

Required Materials
For complete material(s) information, refer to https://bookstore.butlercc.edu

Butler-assessed Outcomes
The intention is for the student to be able to:
1. Understand the importance of command presence at emergency incidents
2. Identify the principles of an initial size-up
3. Develop strategies using tactical essentials
4. Understand basic concepts of fire ground risk management and span of control
5. Identify various structural elements and components and how fires affect them

Learning PACT Skills that will be developed and documented in this course
Through the student’s involvement in this course, he/she will develop his/her ability in the following primary PACT skill areas:

Analytical Thinking Skills
Problem Solving – Through case studies, role-play, and scenarios the student will identify problems, categorize them and establish a course of action.

Communication Skills
Through development of communication skills the student will learn that ability to receive and interpret information is as vital as sending information.

Major Summative Assessment Task(s)
These Butler-assessed Learning Outcomes and the Learning PACT skills will be demonstrated by:
1. Completing simulations, scenarios, strategic planning exercises that demonstrate the principles of command presence at emergency scenes.

Skills or Competencies
Actions that are essential to achieve the course outcomes:
1. The student will gain a basic knowledge of NFPA 1561, Emergency Incident Management System.
2. The student will recognize the need for command presence at an emergency scene.
3. Demonstrate an effective scene size up of an emergency incident.
4. Identify and understand the importance of prioritizing emergencies at an incident.
5. Demonstrate management of fire ground risk and dangers.
6. Demonstrate effective fire ground management and utilization of fire ground resources.
7. Identify effective fire ground tactics and strategies, in relation to various fire emergencies, rescue operations, and threats of terrorism.

Learning Units
I. Command presence
   A. Elements of command presence

II. Life and death decision making
   A. Mentors
   B. High-activity assignment
   C. Strategy and tactics

III. Locating the fire
   A. Alarm panel
   B. Odor of smoke
   C. HVAC system

IV. Size up of a fire
   A. Life hazard
   B. Location
   C. Size
   D. Water supply
   E. Building construction
   F. Building occupancy
   G. Collapse potential

V. Command and control at a fire
   A. Establishing command
   B. Placement of the command post

VI. Hose line placement
   A. Choosing a proper hoseline
   B. Choosing proper hoseline placement
   C. Standpipes
   D. Advancing hose

VII. Preventing fire spread
   A. Methods of heat transfer
   B. Concealed spaces
C. Exposures

VIII. Changing strategy
   A. Maintaining control
   B. Priorities
   C. Master streams

IX. Ventilation
   A. Venting for life
   B. Venting for extinguishment
   C. Venting high-rises

X. Using elevators at fires
   A. Safety procedures

XI. Stairways and strategies
   A. Stairway types
   B. Stair designs
   C. Hallways
   D. Evacuating people

XII. High-rise firefighting
   A. Building height
   B. Large floor areas
   C. Reflex time
   D. Building systems
   E. Communications
   F. Defending in place
   G. Dangers of high-rise fires

XIII. Wildfires
   A. Types of wildfires
   B. Fighting large wildfires

XIV. Terrorism
   A. Evacuating buildings
   B. Bombs
   C. Classifications of explosives
   D. Security measures
   E. Collapse search and rescue
   F. Victim tracking

XV. Fireground dangers
   A. Security devices
   B. Falling objects
   C. Disorientation
D. Electrocution

XVI. Products of combustion
   A. Theory of extinguishment
   B. Rollover
   C. Flameover
   D. Flashover
   E. Backdraft
   F. Smoke
   G. Heat

XVII. Managing fireground risk and dangers
   A. Rapid Intervention Team
   B. Monitoring structural defects
   C. Safety survey
   D. Complete withdrawal
   E. Emergency withdrawal

Learning Activities
The student will learn through a series of lectures, class discussions, and videos. Multimedia scenarios and tabletop exercises, quizzes and tests will challenge the student’s retention.

Grade Determination
Grades will be based on satisfactory passing of exams and quizzes. Attendance and class participation will also be determining factors in the student’s overall grade.