

BES362

Emergency Preparedness and Response

3 Credits

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BES362 Version: 7



Emergency Preparedness and Response

Calendar Description

This course introduces the learner to the systems approach to EMS/Fire incident management. Topics covered include developing an incident control plan including how to assess the incident, taking control and making operational decisions, managing resource requirements in accordance with control requirements and implementing the control plan. P/F.

Rationale

This is a required core course for the Bachelor of Applied Business: Emergency Services.

An action plan based on systems approach allows administrators and staff at an emergency center to make decisions ahead of time and enables them to anticipate the consequences of various courses of operations. They can think through the practicability and feasibility of each operation before committing the resources to carry out that operation. Whether the action plan works and how well it works can only be tested through implementation. Post response activities enable students to analyze the pros and cons of the action plan. This analysis leads to more efficient and effective incident control. A good knowledge of the command structures, command personnel and their functions at local, county, provincial and national agencies that directly or indirectly impact the planning process and subsequent delivery of emergency operations allows effective communication and cooperation between those agencies and the emergency command center.

Prerequisites

Incident Command System 100, Incident Command System 200, & Basic Emergency Management (BEM)

Co-Requisites

None

Course Learning Outcomes

Upon successful completion of this course, students will be able to

1. apply the systems approach to a simulated EMS/Fire incident.
2. develop an action plan for mutual aid, target hazards, and disaster.
3. identify and deal with the issues in the implementation of the control plan.
4. make operational decisions to tackle target hazard fires.
5. supervise post response activities.
6. acquire a working knowledge about incident command structures of emergency control agencies at various levels.

Resource Materials

Course materials are provided on-site.

Conduct of Course

This on-site module is approximately 36 hours in length and involves individual and group work. To enhance the experiential setting of this course and to stimulate discussion and thought, this course is composed of class lectures, interactive discussion sessions and numerous practical exercises and simulated incidents.

Evaluation Procedures

This is a Pass/Fail course and the final grade is based upon the student successfully passing a written exam at the end of each of the two theory sections. The minimum pass grade for each exam is 70%.

Grade Equivalents and Course Pass Requirements

This is a pass/fail course.

Attendance

Complete attendance is essential for success in this course. Absence for any reason does not relieve a student of the responsibility of completing course work and assignments to the satisfaction of the instructor. Poor attendance may result in the termination of a student from the course.

Course Units/Topics

This course consists of 3 sections:

Incident Command System 300

This 20-hour course is the third level in Incident Command System training and is intended for personnel who may have to manage moderate to large size single jurisdiction, multi-agency emergency incident or respond as part of an integrated team, using ICS. The concepts presented in the previous ICS will be expanded and applied during practical exercises.

Evaluation: proctored written exam

Prerequisite: Incident Command System 200

Emergency Operations Centre Management

This course introduces the basic principles of emergency operations along with standard operating procedures for an Emergency Operations Centre (EOC). It also aids planners and officials to operate effectively as staff members of an EOC. A series of tabletop exercises are conducted as part of the training. This course follows the standards recommended by Emergency Management Alberta.

Evaluation: proctored written exam

Prerequisite: Basic Emergency Management

Exercises

Exercises are conducted and provide students an opportunity to apply the skills and knowledge they have learned during the week. The scenarios include setting up an Incident Command Post and an Emergency Operations Centre. The students are provided with a series of inputs that gives them a chance to practice leadership, communication and coordination skills. A debriefing is conducted at the end of the exercise to discuss what worked, what needs improvement and recommendations.



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