



## FIRT 1301 Fundamentals of Fire Protection

### Instructor – Gordon Haynes

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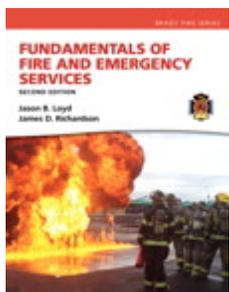
### Course Description

In this course, the student will learn fundamentals of fire and emergency services, history and traditions of the fire service up to contemporary influences, fire service tools and resources, principles of fire dynamics, building construction, codes and ordinances, fire protection systems, operation within the fire department rank structure and as a component of the Incident Command System, preincident planning, fire strategy, and tactics, fire and emergency services agencies and organizations, expectations of character and physical fitness for the fire and emergency services, and developing an educational strategy and career path plan.

### Course Outcomes

At the end of this course, students will be able to:

- Describe the traditions and history of the fire service
- Identify the tools and resources that are available through the fire department
- Explain the principles of fire dynamics
- Differentiate between the categories of building construction
- Explain fire prevention codes and ordinances
- Differentiate between the types of fire protection systems
- Explain operations within the fire department rank structure
- Explain operations as a component of national, state, and local organizations
- Explain strategic planning, tactics, and preincident planning
- Explain the purpose and operations of emergency medical services and emergency management
- Explain expectations of an individual having a career in the fire and emergency services
- Develop an educational strategy and career path plan to achieve a career goal in the fire and emergency services



**Title:** *Fundamentals of Fire and Emergency Services*  
**Edition:** Second  
**Author:** Loyd and Richardson  
**ISBN:** 0133419231

## Lesson Checklists

Every lesson has a prescribed checklist of assignments required to successfully complete the lesson. Follow this checklist to complete each lesson.

## Course Components

The Fundamentals of Fire Protection course is made up of the numerous graded and ungraded activities listed here.

### Graded Assessments

- Discussion Forums
- Quizzes
- Writing Assignments

### Ungraded Activities

- Online Practice (in the lesson presentations)
- Reading Assignments

## Grades

The following table shows the graded assessment types contained within this course and the assigned weighting used to determine the final course grade.

Graded Assessment Types	Weights (%)
Assignments	33%
Discussions	33%
Quizzes	34%
Total:	100%

Letter grades for the course will be based on the following grading scale.

Letter Grade	Percentage
A	90 - 100%
B	80 - 89%
C	70 - 79%

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D	60 - 69%
F	<60%

### Course Participation

Unlike a traditional classroom-based course, you do not need to show up to class at a specific time every day to earn your class participation grade in an asynchronous *online* course. Instead, you need to complete the *online* lesson presentations, assignments, quizzes, and discussions by the due dates specified by your instructor. Although some of your activities will be ungraded, your instructor will keep track of whether you have completed them and will assign you a course participation grade based on your completion of these assignments.

### Online Etiquette

The objective in an *online* discussion is to be collaborative, *not* combative. Please, proofread your responses carefully before you post them to make sure that they will not be offensive to others. Use discussions to develop your skills in collaboration and teamwork. Treat the discussion areas as a creative environment where you and your classmates can ask questions, express opinions, revise opinions, and take positions just as you would in a more traditional classroom setting.