

THE UNIVERSITY OF AKRON
& 2 // (* (2) + (\$ / 7 + + 8 0 \$ 1
6 & , (1 & (6
FIRE PROTECTION TECHNOLOGY

Course Name: Fire and Life Safety Education
Course Number:) , 5 (:204
Course Credit: 3 credit hours
Prerequisites: none

Course Description :

This course provides an understanding of the complexities of occupancies and the different requirements for fire safety of the occupants. The evaluation of the code and requirements for exits, spacing and interior components.

Program Outcomes:

1. Understand and demonstrate life safety issues relating to fire protection
2. Relate fire prevention code enforcement impact upon local jurisdictions through case study examination
3. Identify occupancy types & calculate occupancy load relating to means of egress
4. Assess relationships between the life safety code & international building codes
5. Conduct a site survey of specific locations & document life safety issues related to fire protection

ASSESSMENT:

At the beginning of the semester, the instructor will discuss the format used to evaluate student performance and progress. The criteria for assigning a course grade shall also be discussed. A hard copy and electronic copy of the course syllabus will be provided on Springboard. Assessment methods may include one or more of the following: research papers, book and journal article reviews, written and oral reports, table top exercises, community service projects, and classroom presentations.

Grading Scale

A	97 ±100	C	75 ±77
A-	94 - 96	C-	72 ±74
B+	90 ±93	D	70 ±71
B	86 ±89	D-	69
B-	82 ±85	F	68
C+	78 ±81		

Course Outline:

- Topic 1 General Items
 Performance Based
- Topic 2 Classification of Occupancies
 Means of Egress
- Topic 3 Features of fire protection
 Building Service and Fire protection Equipment
- Topic 4 Interior finishes
 Special Structures
- Topic 5 New and Existing Assembly Occupancies
 New and Existing Educational Occupancies
- Topic 6 New and Existing Daycare
 New and Existing Healthcare
- Topic 7 New and Existing Ambulatory Healthcare
 New and Existing Detention and Correctional
- Topic 8 New and Existing One and Two Family dwelling
 New and Existing Lodging and Rooming Houses
- Topic 9 New and existing Hotels and Dormitory
 New and existing Apartment buildings
- Topic 10 New and Existing Residential Board and Care
 New and Existing Mercantile Occupancies
- Topic 11 Business Occupancies
 Industrial Occupancies
- Topic 12 Storage
 Building Rehabilitation