

**THE UNIVERSITY OF AKRON  
COLLEGE OF HEALTH & HUMAN  
SCIENCES  
FIRE PROTECTION TECHNOLOGY**

**Course Name:** Fire and Life Safety Education  
**Course Number:** FIRE: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**

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

**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