**Course:** FPST 1213 – Fire and Safety Hazards Recognition – Summer 2020

**Instructor:** Tim Wilson, MS, CSP, CHMM

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**SWJTU Faculty:** To be determined.

# Course Objectives:

This course provides an overview and introduction of fire protection and safety concepts for the preservation of life, property, and environment. The physical, chemical, and electrical hazards and their relationship to loss of life and property are addressed. The course presents the concepts and principles that deal with fire protection engineering, industrial fire protection and safety, and municipal fire protection.

# Learning Objectives:

1. Discuss the fire problem with understanding of the fundamentals involved in fire protection.
2. Understand the standard terminology used in the fire protection field.
3. Recognize hazardous situations as potential fire causes and/or causes of other loss events.
4. Make reasonable and logical recommendations for elimination or control of fire hazards.
5. Evaluate the hazards that may encourage a fire to start or contribute to the severity of the fire or the magnitude of the loss event.
6. Perform basic calculations related to identification and evaluation of fire hazards
7. Explain the basic chemistry and physics principles, which are involved in fire and combustion

# Course Learning Outcomes:

1. Students are introduced to a wide scope of fire protection and safety professional opportunities and challenges.
2. Using current events and significant case studies, students will learn critical thinking skills to identify life safety problems and develop sound recommendations

# Required Texts:

* International Fire Service Training Association. (2009). *Fire Inspection and Code Enforcement*. 8th ed. Fire Protection Publications. Stillwater. OK.

# Reading Assignments:

Reading assignments are preparation for the lecture or laboratory period and completion prior to class or lab is expected. This class involves significant out-of-class assignments. The student is responsible for all material assigned regardless of inclusion in class lecture. Preparation for class discussions is expected.

# The Course Schedule lists the reading assignments.

# Assignments and Conduct of the class:

This class will have an on-line component using Canvas.

Incomplete or not turned in assignments will receive a score of zero.

Late work is not accepted.

Submitted materials failing to follow the formatting instructions of the assignment will receive a grade of zero.

# Attendance:

# Course attendance will follow established SWJTU guidelines.

# Grading:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Points each | Qty. | Total | % of Total |
| Quizzes and Activities | 10 | 15 | 150 | 18% |
| Exams | 200 | 2 | 400 | 47% |
| Final Examination | 300 | 1 | 300 | 35% |
|  | TOTAL |  | 850 | 100% |

A – 85% - 100%

B – 75% - 84%

C – 60% - 74%

F – 0% - 59%

An “F” grade will not count for transfer credit for any FPST curriculum course.

Students scoring below a 60% for the entire course may retake the final exam one time. The “retake” score will only substitute for the original final exam score if the retake score is higher. The higher score of the two final exams will be used to calculate the student’s final course grade. The OSU instructor will recalculate the final grade and might require the assistance of SWJTU staff.

# Academic Misconduct:

Copying the work of another for personal credit is **plagiarism** whether the work is a published work or the unpublished work of another student. Plagiarism in a grade of zero for the assignment. Academic dishonesty includes both giving and taking of improper assistance on writing assignments or examinations as well as any other form of attempting to gain credit for work that is not that of the student.

**Amendments:**

# Only the OSU instructor may adjust the requirements and/or schedule of the class as necessary. Amendments will only be made if it is in the best interest of the learning experience. Amendment notifications will be provided to the students

**Course Schedule**

