

# Course Syllabus

## SAFM 470 Section 002

### Managing Construction Safety

### Spring 2020

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<b>Instructor:</b>	Professor Jenny Fuller, MS, CSP 345-F MRB <a href="mailto:jenny.Fuller@mail.wvu.edu">jenny.Fuller@mail.wvu.edu</a> 304.293.9438 (office)
<b>Office Hours:</b>	Tuesdays and Thursdays 11:00 am-12 pm or by appointment.
<b>Prerequisites:</b>	There are no prerequisites for this course

#### Course Introduction

Credit Hours: 3.0

Method of Instruction: Lecture

Class Meets: Monday 2:00 pm – 4:50 pm (01/13/2020-05/01/2020)

#### Instructional Materials

Required Instructional Materials:

- 29 CFR 1926 OSHA Construction Regulations and Standards. July 2018 (or newer) Edition by Mancomm

#### eCampus:

In this course, eCampus ([ecampus.wvu.edu](http://ecampus.wvu.edu)) will be used to communicate assignments, grading rubrics, lecture materials, and grades. All assignments will be submitted through eCampus.

#### Email:

Please note that email communications will occur through WVU MIX emails. It is the student's responsibility to check MIX email.

#### Course Learning Objectives

This course covers OSHA Standards, policies, and procedures in the construction industry. Topics include scope and application of the OSHA Construction Standards, construction safety and health principles, and special emphasis on those areas in construction which are most hazardous. Upon course completion students will have the ability to define construction terms found in the OSHA Construction Standards, identify hazards which occur in the construction industry, locate and determine appropriate OSHA Construction Standards, policies, and procedures, and describe the use of the OSHA Construction Standards and regulations to supplement an ongoing safety and health program

## Course Activities

Week	Date	Topic	Special Message
1	Monday 1/13/2020	Course Intro and Orientation- Why Safety? Intro to OSHA and the Act Intro to OSHA Standards Inspections, Citations, and Penalties	OSHA Paperwork
2	Monday 1/20/2020	<b>Martin Luther King, Jr. Day- No Class</b>	<b>No Class</b>
3	Monday 1/27/2020	Subpart C: General Safety and Health Provisions Safety and Health Management Systems JSAs Recordkeeping	Assignment #1
4	Monday 2/3/2020	Subpart F: Fire Protection and Prevention Subpart AA: Confined Space in Construction	Assignment #2
5	Monday 2/10/2020	Subpart P: Excavation Subpart G: Signs, Signals, & Barricades	Assignment #3
6	Monday 2/17/2020	Subpart H: Material Handling Subpart CC: Cranes	Assignment #4
7	Monday 2/24/2020	Subpart K: Electrical Subpart V: Power Transmission & Distribution Subpart D: Health Hazards: <ul style="list-style-type: none"> <li>Noise</li> <li>Lead</li> <li>Hex Chrome</li> </ul>	Assignment #5
8	Monday 3/2/2020	<b>Exam I</b>	
9	Monday 3/9/2020	Subpart T: Demolition Subpart Q: Concrete Subpart O & W: Motor Vehicles/Heavy Equipment/ROPs	Assignment #6
10	Monday 3/16/2020	<b>Spring Break- No Class</b>	<b>No Class</b>
11	Monday 3/23/2020	Respiratory Protection Subpart Z: Hazard Communication Standard/GHS Subpart Z: Respirable Crystalline Silica	Assignment #7
12	Monday 3/30/2020	Subpart M: Fall Protection Subpart X: Ladders and Stairs	Assignment #8
13	Monday 4/6/2020	Subpart I: Hand and Power Tools Subpart E: PPE	Assignment #9
14	Monday 4/13/2020	Subpart J: Welding Subpart L: Scaffolds	Assignment #10
15	Monday 4/20/2020	OSHA Multiple Choice Exam Cases Studies	
16	Monday 4/27/2020	<b>Exam II</b>	

**\*\*\*NOTE: This schedule is tentative and subject to change\*\*\***

## OSHA 510 Course

This course will incorporate the OSHA 510: Occupational Safety and Health Standards for the Construction Industry into the curriculum.

Upon successful completion of the course and course requirements, students will receive a certificate of completion from the Region III OSHA Education Center. Students **MUST** attend classes **ON TIME** and stay for the duration or no certificate will be issued to that student. Please see the Attendance section for more information.

There will be **NO MAKE UP SESSIONS**. If you want the certificates, you must come to class on time and stay for the duration. The information in these classes are part your various exams.

### Assessment

Activity	Total Points Possible
Class Attendance & Participation	50
Assignments (10 points each)	100
OSHA 510 Exam (Multiple Choice)	50
Exam I	100
Exam II	100
<b>TOTAL</b>	<b>400</b>

Grades will be provided based on the following scale:

90%-100%	A
80%-89.9%	B
70%-79.9%	C
60%-69.9%	D

### Class Participation/Attendance:

The OSHA 510 has an attendance requirement; therefore, attendance is taken every class. Students may miss two classes and still earn the certificate. Please note that points for attendance and attendance toward the certificate are different. While you may miss two classes and earn the certificate, you will not earn full points in the course.

### Assignments:

Students are required to select 10 topics/subparts and create a summary handout. This document should be 1-2 pages and highlight important information. The goal of this assignment is to make students create a document that can be used as a quick reference guide during your professional career.

### Exams:

There are two essay/short answer exams in this course and one multiple-choice exam.

### OSHA 510 Exam:

There is a required multiple- choice exam provided by OSHA needed to complete the OSHA 510. The exam is 50 questions and students must score at least an 80% to complete the OSHA 510.

**Expected Timelines:**

Students: All assignments and due dates are listed in the syllabus. Students will have 1-2 weeks to complete assignments, depending on what is assigned. All assignments are submitted on eCampus and are due at the start of class (2:00 pm)

Instructor: Students will receive feedback on assignments generally within ten (10) consecutive University instructional days of the assignment due date.

**Course and Institutional Policies****Attendance Policy:**

Students are expected to come to class. Students learn from their peers while in the classroom and that opportunity is lost when absent. As evident in the course grading, repeated absences will reflect poorly on a student's grade.

**Late Assignment and Missed Exam Policy:**

Late assignments will not be accepted. There will be no make-ups on exams or quizzes.

If an emergency occurs, it will be addressed on a case-by-case scenario.

## **Institutional Policies:**

**Academic Integrity Statement:** The integrity of the classes offered by any academic institution solidifies the foundation of its mission and cannot be sacrificed to expediency, ignorance, or blatant fraud. Therefore, instructors will enforce rigorous standards of academic integrity in all aspects and assignments of their courses. For the detailed policy of West Virginia University regarding the definitions of acts considered to fall under academic dishonesty and possible ensuing sanctions, please see the West Virginia University [Academic Standards Policy](http://catalog.wvu.edu/undergraduate/coursecredittermsclassification) (<http://catalog.wvu.edu/undergraduate/coursecredittermsclassification>). Should you have any questions about possibly improper research citations or references, or any other activity that may be interpreted as an attempt at academic dishonesty, please see your instructor before the assignment is due to discuss the matter.

**Inclusivity Statement:** The West Virginia University community is committed to creating and fostering a positive learning and working environment based on open communication, mutual respect, and inclusion.

If you are a person with a disability and anticipate needing any type of accommodation in order to participate in your classes, please advise your instructors and make appropriate arrangements with [the Office of Accessibility Services](https://accessibilityservices.wvu.edu/). (<https://accessibilityservices.wvu.edu/>)

More information is available at the [Division of Diversity, Equity, and Inclusion](https://diversity.wvu.edu/) (<https://diversity.wvu.edu/>) as well. [adopted 2-11-2013]

For more information on WVU Academic Policies, please see <https://tlcommons.wvu.edu/syllabus-policies-and-statements#13> for a list.