



Course: FPST 3013 – Safety Management – Spring 2022

Instructor: Leslie Rex Stockel, MS, CSP, SMS
Leslie.stockel@okstate.edu

Class coordinator: Lilli Wang

Email: 3096105349@qq.com

Class Meeting Times:

Lectures: Wednesdays : 8:50-10:35 (China time) ; Fridays : 15:50-17:25 (China time)

Live Question & Answer Session with Professor Stockel: Wednesday 8:45 am (China Time) – Click the BigBlueButton in Canvas to start.

Course Objectives

This course will familiarize the students with the fundamentals and understanding of standard terminology, concepts, and technical areas encompassing safety and health management system development, implementation, and improvement. At the completion of this course, students will be able to recognize and apply various principles of managed safety and health systems, articulate business ethics.

Learning Objectives

1. Recognize the historical origins of the safety movement in the industrialized world.
2. Understand the relationship of the Occupational Safety and Health Administration (OSHA) to the management of safety systems in the United States.
3. Understand the key concepts of Safety Leadership and Culture.
4. Evaluate the ways that incidents and loss can happen.
5. Identify cost factors related to industrial loss incidents.
6. Identify behavioral and root causes of loss incidents
7. Develop control strategies for the prevention of occupational loss incidents.
8. Communicate the role of various levels of corporate management in the accident prevention process.
9. Evaluate occupational events for risk and apply those assessments to loss control strategies.

Required Texts

1. Textbook - Accident Prevention Manual Administration and Programs 14th edition Hagan, P.E., Montgomery, J.F., O'Reilly, J.T., National Safety Council, 2015, ISBN 978-0-87912-321-5
2. Other materials such as professional journal articles and regulatory information will be provided in the Canvas online classroom.

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.

Attendance

Students are here studying for a profession therefore promptness is expected. Please handle your personal business prior to class time. Please note the following:

- Arriving to class or lab late is unprofessional. Excessive tardiness is not tolerated.



- If you leave before the class or lab is dismissed, you will not be allowed to re-enter.
- If you arrive late to an exam you will be denied entry to the room and will receive a zero for that exam.
- This class involves significant out-of-class assignments and projects. Students are expected to complete assigned reading and homework prior to class in preparation for discussions in lecture period. Each student is responsible for all material assigned regardless of inclusion in class lecture.
- The course lectures will generally follow the sequence of topics presented in the course schedule. Homework will relate to readings, course assignments, or class discussions. Homework assignments and projects are generally due by the beginning of the class on the date assigned by the instructor. **Late work will NOT be accepted.** The Course Schedule lists the reading assignments.
- Make-up of exams or homework will only be allowed for university sanctioned absences only (see OSU policy 2-0217) which have been **coordinated in advance** with the OSU/SWJTU. **Travel for university functions is not an appropriate reason for late work.** Severe illness, death in the immediate family, or other similar emergencies are justifiable under university policy, however, the student should make every attempt to notify the OSU/SWJTU via telephone or email as soon as reasonably possible when the emergency condition is known. Each situation is evaluated on a case-by-case basis. Failure to communicate with the OSU/SWJTU in a timely manner will result in a zero for any relevant assignments and attendance grades.

Classroom Behavior

- Phone use is limited to translation assistance only. Taking pictures or the use of recording equipment is prohibited without the expressed written consent of the OSU/SWJTU instructor. Any unauthorized recordings or photography will result in a letter grade of F for the course.
- Using laptops or other electronic devices during lectures is prohibited unless instructed to do so.
- All backpacks will be placed at a specified location in the classroom during exams. Hats and watches will not be worn during exams. No food or drinks during exams. The OSU/SWJTU instructor reserves the right to examine any eyewear at any time during scheduled class sessions.
- Looking at another person's test, having unauthorized notes, recording of test content by any means (digital, written, etc.) or any other form of academic misconduct is grounds for removal from the test and a score of zero.
- You may not leave the classroom during a test. If you must leave during the test, you must submit your test as completed at that time.
- During exams, exam preparation sessions, exam review sessions, or any other time when a student views an exam, any cell phone or other electronic equipment use will automatically constitute as cheating resulting in a score of zero.



Grading

Course grades will be determined by the following:

	Points each	Qty.	Total	% of Total
Homework	varies	11	170	16%
Assignments 1-3	50	3	150	14%
Assignment 4	50	1	50	9%
Assignment 5	100	1	100	5%
Mid Term Exam	300	1	300	28%
Final Exam	300	1	300	28%
	TOTAL		1070	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.

Personal Computers and Calculators

Permissible calculators:

- Hewlett Packard: HP 30s; HP 33s; HP 9s
- Casio - FX 115 ES, FX115MS, and FX.115MSPlus
- Texas Instruments - TI30XA; TI 30X HS and TI 30X 11B; TI36X Solar

Prohibited calculators:

- Cell phone calculators
- Any programmable or graphing calculator such as the TI 82, TI 83, TI 84 and TI 89



Course Schedule

FPST 3013 - SWJTU Spring 2022					
WK	Date	Topic(s)	Reading	Homework	Assignments
1	2-Mar	SHOW VIDEO FIRST - Remember Charlie Lecture 01 - Introduction Lecture 02 - The History of Safety Management	Syllabus Ch 1		
	4-Mar	Lecture 03 - Ethics and the Safety Professional Lecture 04 - The Singapore Accord	Ch 2 INSHPO Singapore Accord	HW1 HW2	
2	9-Mar	Lecture 05 - Incident Investigation - Systems & Phases			
	11-Mar	Lecture 06 - Incident Investigation - Investigative Techniques	Ch 9 p 229-233		A1 - Letter (I)
3	16-Mar	Lecture 07 - Incident Investigation - Accident Causation Models and Root Cause Analysis	Ch 10	HW3	
	18-Mar	Lecture 08 - Incident Investigation - Corrective Actions	Ch 11 Canvas Materials	HW4	
4	23-Mar	Lecture 09 - Injury Recordkeeping Rules - Part 1 Lecture 10 - Injury Recordkeeping Rules - Part 2	Ch 5 p. 121-125 Canvas Materials	HW5	A2 - Incident Investigation (G)
	25-Mar	Lecture 11 - Injury Recordkeeping Rules - Part 3 Lecture 12 - Injury Recordkeeping Rules - Part 4			
5	30-Mar	MID-TERM EXAM		HW6	A3 - OSHA Logs (G)
	1-Apr	Lecture 13 - OSHA, Legal & Regulatory Issues - Part 1			
6	6-Apr	Lecture 14 - OSHA, Legal & Regulatory Issues - Part 2			
	8-Apr	Lecture 15 - Workers' Compensation & ADA - Part 1	Ch 4-5	HW7	Assign A5 - Term Paper (I)
7	13-Apr	Lecture 16 - Workers' Compensation & ADA - Part 2	Ch 8 & 23	HW8	
	15-Apr	Lecture 17 - Safety and Health Management - Part 1	CH 3, 30, 33 Canvas Materials	HW9 HW10	
8	20-Apr	Lecture 18 - Safety & Health Management - Part 2 Lecture 19 - Safety & Health Management - Part 3			A4 Safety Moment Due
	22-Apr	Lecture 20 - Safety & Health Management - Part 4 Lecture 21 - Safety & Health Management - Part 5			
9	27-Apr	Lecture 23 - Transportation Safety Programs - Part 1 Lecture 24 - Transportation Safety Programs - Part 2	Canvas materials Ch 28		
	29-Apr	Lecture 25 - Contractor Safety/Multi-Employer Worksites	Ch 25 Ch 14		A5 - Term Paper Due
10	4-May	Labor Day Holiday - No class			
	6-May	Lecture 26 - Environmental Management - Part 1 Lecture 27 - Environmental Management - Part 2	Ch 18 and 19	HW11	
11	11-May	Lecture 28 - Emergency Preparedness - Part 1 Lecture 29 - Emergency Preparedness/Workplace Violence - Part 2			



	13-May	Lecture 30 - Behavior Based Safety	Canvas Materials		
12	FINAL EXAM DATE TO BE DETERMINED				