



University of Basra  
College of Administration & Economics  
Course syllabus for Occupational Safety and Health  
Course for Diploma Program in Project Management  
Academic year 2018/2019  
Instructor: Assistant Prof. Wameedh A. Khdair (PhD)

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### **1.0 COURSE DESCRIPTION**

This course introduces the student to the study of workplace occupational safety and health. The student will learn safe work practices in projects, company, and industry as well as how to identify and prevent or correct problems associated with occupational safety and health in these locations. The course is designed to assist the student with the implementation of safe healthy practices at various types of work. The historical, economic, and cultural forces contributing to and inhibiting solutions to occupational safety and health problems will be analyzed.

### **2.0 OBJECTIVES**

At the end of this course, the student will be able to:

- 2.1 Gain an historical, economic, and organizational perspective of occupational safety and health.
- 2.2 Investigate current occupational safety and health problems and solutions
- 2.3 Identify the forces that influence occupational safety and health.
- 2.4 Demonstrate the knowledge and skills needed to identify workplace problems and advance safe work.

### **3.0 LEARNING OUTCOMES**

- 3.1 identify the components needed to provide a safe and healthful work environment through case studies and review of injury statistics.
- 3.2 analyze safety and health issues resulting from worker complaints or OSHA violations.
- 3.3 identify potential workplace safety and health hazards and determine how to mitigate the hazards through engineering controls, administrative controls and personal protective equipment.
- 3.4 review the principles for developing and implementing a successful occupational health and safety program and evaluation of a work site.
- 3.5 identify the major historical events that influenced accident prevention activities in the pre/post industrial revolution.
- 3.6 identify the moral and economic consequences associated with the major classifications and causes of accidents and the cost of workers compensation based on the risk classes of industries.
- 3.7 identify basic fire prevention and protection programs in the workplace.

#### 4.0 REFERENCES

Reese,C.(2017) *Occupational Safety and Health "Fundamental Principles and Philosophies"*Boca Raton, FL, Taylor & Francis Group.

Goetsch, D. (2011)*Occupational Safety and Health*. (7<sup>th</sup> ed).England: Pearson Education Limited.

#### 5.0 CONTENT

<b>Week</b>	<b>TOPIC</b>	<b>HOUR</b>
1	Occupational Safety and Health (introduction, history,hazards,occupational safety and occupational health)	2
2	Organizing Safety and Health (manage occupational safety and health, safety and health programs, special emphasis programs, accident investigations , training)	2
3	Administration (safety and health budget, statistics and tracking, safety and health ethics, Employee involvement , safety and health committees)	2
4	Personnel Involved in Occupational Safety and Health	2
5	People-Related Issues	2
6	Hazards	2
7	Risk	2
8	Controlling Hazards	2
9	Accident/Incident Prevention Techniques	2
10	Extraneous Hazards	2
11	Miscellaneous Safety and Health Factors	2
12	Safe Facilities and Handling	2
13	Meshing Safety with Management Approaches	2
14	Global occupational accidents	2
15	Final Examination	3

**6.0 METHODS OF TEACHING**  
Lectures and discussion.

**7.0 ASSESSMENT**

Course Work	30%
- Class participation	10%
- Examination	15%
- Case presentation	5%
Final Examination	70%