

**Department of Public Health  
Institute of Social & Cultural Studies  
Faculty of Behavioral & Social Sciences  
University of the Punjab, Lahore**

**Course Outline**

<b>Programme</b>	BS Workplace Health & Safety Promotion	<b>Course Code</b>	<b>WHSP 309</b>	<b>Credit Hours</b>	3
<b>Course Title</b>	Principles and practices of Safety Management System				

## **WHSP 309- Principles and Practices of Safety Management System**

### **Course Description**

- This course introduces effective safety programs in industry; covers the causative factors of industrial accidents, the basic elements in safety management for accident control, risk management and insurance programming.

### **Course Objectives**

After completion of the course, students will be able to:

1. Develop an interest in and appreciation for careers in the field.
2. Understand different safety management theories.
3. Understand different elements of safety programming and their rationale.

### **Course Content**

- 1. History of the safety movement**
  - Safety and health programs
  - Accident causes and types of accidents
- 2. Occupational safety and health performance measurement**
  - Responsibility for occupational safety and health
  - Safety inspections
  - Audiometry- hearing test
  - Spirometer – lung function tests
  - Health check-up (BMI, BP, Heart rate, Blood Sugar, Hematology etc.)
  - Occupational safety and health training at workplace
  - Occupational safety and health standards
  - OSHA’s role in occupational safety and health
- 3. Role of the promotional program and its implementation**

- Safety committees and safety teams
- Accident investigation
- The role of insurance and risk management/ loss control in occupational safety and health

### **Practical Contents**

Hands on training of students on spirometry, audiometry, BP measurements etc.

### **Teaching-Learning Strategies**

Teaching will be a combination of class lectures, class discussions, and group work.

Short videos/films will be shown on occasion.

### **Assignments**

The sessional work will be a combination of written assignments, class quizzes, presentation, and class participation/attendance.

### **Assessments and Examination**

Sessional Work: 25 marks

Midterm Exam: 35 marks

Final Exam: 40 marks

### **Recommended Readings**

1. Fuller, C., & Vassie, L. H. (2004). *Health and safety management: principles and best practice*. Pearson Education.
2. Möller, N., Hansson, S. O., Holmberg, J. E., & Rollenhagen, C. (Eds.). (2018). *Handbook of safety principles* (Vol. 9). John Wiley & Sons.
3. Koren, H. (1980). *Handbook of environmental health and safety: principles and practices*. Pergamon Press Inc., Maxwell House, Fairview Park, Elmsford, New York 10523, USA.