



AL IMAM MOHAMMAD IBN SAUD ISLAMIC UNIVERSITY
COLLEGE OF ENGINEERING
Department of Mechanical Engineering

Course Information	
Course Code and Name:	ME361 Industrial Safety
Credit Hours:	3 (3 Lecture + 1 Tutorial)
Prerequisites:	-

Course Description
Accident: causes and costs. Appraising safety performance and risk assessment. Analysis of accident causes. Accident reports and records. Job safety analysis. Plant inspection. Accident investigation. Plant layout and arrangement. Plant house-keeping. Maintenance and safety. Material handling and safety. Machine guarding. Explosion and fire prevention. Personal protection. First aid. Planning for emergencies.

Textbook			
Title	Industrial Safety and Health Management		
Authors	C. Ray Asfahl and David W. Rieske		
Publisher	Pearson Education Inc.,	Year and Edition	2010, 6th Edition

Course Contents
Introduction
Hazard analysis and workplace hazards
Risk, health, and safety standards
Inspection and accident cost
Accident analysis, investigation, and prevention
Facilities Layout
Hazardous Materials and environmental health
Environment & Noise
Fire
Workshop safety and machine guarding
Tools and PPE

Academic Coordinator	Signature
Prof. Dr. Sabbah Ataya	<i>S. Ataya</i>



Official Stamp