

OCCUPATIONAL HEALTH AND HYGIENE FOR NON SPECIALISTS

Code	Credit Hour
MinE-838	3-0

CourseDescription

Occupational hygiene as the science behind health, the management of the occupational environment, the conditions or practices conducive to health, the following hazards: chemical, physical, or biological hazards in the workplace that could cause disease or discomfort, physical hazards may include noise, temperature extremes, illumination extremes, ionizing or non-ionizing radiation, ergonomics, air quality and safety, Occupational Health and Hygiene management systems, the legal framework as well as compensation mechanisms, national milestones on occupational health, wellness in the workplace as a framework to show interdependencies between the social as well as occupational environment, surveillance; pro-active as well as re-active.

Textbook:

1. Jeanne M.S. "Encyclopedia". ISBN-9221092038

ReferenceBook:

1. Robert G.C. and Thomas R.C. "Occupational Health and Safety: Terms, Definitions, and Abbreviations". ISBN- 978-1566703611

Prerequisites

Nil

ASSESSMENT SYSTEM FOR THEORY

Quizzes	15%
Assignment	5%
Mid Terms	30%
ESE	50%

TeachingPlan

Week No	Topics	LearningOutcomes
1	Introduction	CourseOutline,objectives,teachingplan,assessment method, conceptsreview

2-6	Comprehensive Overview of Occupational Health and Safety	Occupational hygiene as the science behind health, the management of the occupational environment
6-8	Practices conducive to health	The conditions or practices conducive to health, the following hazards: chemical, physical, or biological hazards in the workplace that could cause disease or discomfort, physical hazards may include noise, temperature extremes, illumination extremes
9	MIDTERM EXAM	
10-13	Comprehensive Overview of Occupational Health and Hygiene	illumination extremes, ionizing or non-ionizing radiation, ergonomics, air quality and safety, Occupational Health and Hygiene management systems, the legal framework as well as compensation mechanisms, national milestones on occupational health, wellness in the workplace as a framework to show interdependencies between the social as well as occupational environment, surveillance; pro-active as well as re-active.
14-17	Case studies	Coal mines, metallic mines
18	END SEMESTER EXAM	