



College of Occupational Health & Safety

AUPS is conducting the Certificate Course in OSH to provide an expert knowledge on safety and health for those who work in the industry.

The curriculum comprised with three main areas,

1. Occupational safety including fire safety, electrical safety and mechanical safety
2. Occupational health including occupational diseases, stress and stress management
3. Occupational safety and health management systems

Levels of certificates:

- Courses
- Diploma

Course:

Course Lecture Topics:

- ✓ Introduction to OSH
- ✓ Safety & Health Law
- ✓ Chemical Safety
- ✓ Accident Investigation
- ✓ First aid
- ✓ Equipment Demonstration
- ✓ Electrical Safety
- ✓ Risk Assessment
- ✓ Ergonomics
- ✓ Occupational Hygiene
- ✓ Occupational Diseases
- ✓ Food Safety
- ✓ Fire Safety
- ✓ Biological Hazards
- ✓ Accident Investigation & Machinery/ Plant Safety
- ✓ Construction Safety
- ✓ PPE
- ✓ Occupational Stress

The trained personnel will be able to perform as a competent safety officer.

Industrial Nurses Training:

Nurses working in industries or persons who have the experience in nursing/persons who are qualified as nurses/public health inspectors.

Course Objectives

- To learn and perform efficiently, to mitigate workers health issues in industry
- To reduce or minimize occupational accidents and diseases
- To minimize the health expenditure in industry

Course Contents

- Occupational diseases, hazards, control and prevention
- Occupational accidents, hazard and prevention
- Data collection and analysis and decision making based on the excising information, Communicable and non-communicable diseases.
- Valid certificate will be issues - Certificate in Occupational Safety & Health Followed a 5 day course in Industrial nursing

Teaching Technique Used

- ✓ Giving awareness on safety and health and specify the activities to be carried out by an industrial nurse - Using PPT
- ✓ Participatory approach and interactive sessions - through roll plays
- ✓ Factory visit

Diploma:

AUPS is conducting the National Diploma in OSH to provide an expert knowledge on safety and health for those who work in the industry.

The curriculum comprised with three main areas, Occupational Health, Occupational Safety, Safety Management and a project to be conducted on OSH improvement in the respective participants working participants working premises as a partial fulfillment of the course.

Module 1

- Introduction to OSH, objectives and its legislation
- OSHA reporting methodology
- Investigation of accidents
- Calculations for lost working hours
- Epidemiology and how it affects the workplace
- Guide line for project, project approval
- criminal laws related to safety and health
- Environment pollution & related health effects
- Field Visit
- Human factors in process control, alarm systems,
- Student presentation preparation
- Behavior based safety management
- sub contracted employees
- Inter personal relationships
- Revision
- Safety and Health Regulations; global & local perspective; the law and regulations

- OSH standards ISO 18000
- Injury frequency, severity, incident rates
- Basic statics
- Research methods, Give project documents to students
- Forming Health and safety committees and responsibilities 11
- Discussing about topic approvals, writing proposals
- Hazard Identification
- on and off site emergency planning
- human error in process plants
- Design and assessment of safety, instrumented systems prevention & control human errors
- organization's nature & work culture (Different Industries)
- Study leave
- communication with in the work setting
- Revision
- Exam module 1
- [Module 2](#)
- Occupational diseases
- Biological factors- evaluation risk
- Ergonomics 1
- Psychosocial factors- evaluation risk
- Project evaluation- progress assessment
- Preventive and protective measures
- Student presentation on Health hazards in their respective workplace
- First Aid
- Study leave
- Toxicology
- Transport safety in industry
- Food safety
- Physical factors- evaluation risk
- Occupational hygiene
- Ergonomics 2
- Occupational hygiene
- Workplace welfare
- Revision
- Exam module 2
- [Module 3](#)
- Premises safety issues
- Work equipment & mechanical tools, handed tools
- Safety in building & construction related operation
- Project Finalization review
- Fire explosion & implosion
- Trade unions & health & safety
- Negotiation skills
- Study leave
- Machinery safety
- Electrical safety
- Safety in building & construction related operation
- Influence & links with international agencies
- Safety & Health in the informal sector
- Revision
- Exam module 3