



FACULTY OF OCCUPATIONAL MEDICINE SYLLABUS

1. OCCUPATIONAL HEALTH HAZARDS AND DISEASES

- Clinical Diagnosis and Case Management
- Health Surveillance
- Hazard Identification
- Risk Assessment
- Risk Management
- Planning Control Measures
- Implementation of Control Measures
- Monitoring Control Measures
- Safety Statements
- Workplace Environmental Control Measures
- Carcinogens
- Occupational Allergic Diseases
- Dusts and Pneumoconiosis

2. PREVENTION OF DISABILITY AND ASSESSMENT OF FITNESS FOR WORK

- Evaluation of Fitness for Work
- Disability Evaluation and Rehabilitation
- Employee Assistance Programmes
- Non-Availability for Work

3. MANAGEMENT AND COMMUNICATION

- Managerial Skills (Personal, Non-Clinical, Running a Department etc.)
- Organisational Management
- Records/Budget/Marketing
- Audit
- Communication Skills

4. OCCUPATIONAL HEALTH LAW

International development of Safety Law and guidelines (W.H.O., I.L.O., E.U.)

Scope and content of the following will depend on the country of residence or future Occupational Health practice of the trainee.

- National Law in Occupational Health and Safety
- Legal and Judicial Systems
- Other legislation relevant to Occupational Health (e.g. Road Transport, Manual Handling, Pregnancy, Shift Work etc.)

5. ETHICS

- Conflict of loyalty between Employer/Employee
- Confidentiality
- Testing for Drugs/Alcohol in the workplace
- Record Keeping

6. EPIDEMIOLOGY AND STATISTICS

- Statistics (data gathering, quality of data, statistical tests etc)
- Epidemiology (study designs, questionnaire designs etc)
- Interpretation (quality of studies, action to be taken etc)
- Normal Values and Normal Population Distribution etc

7. OCCUPATIONAL HYGIENE AND TOXICOLOGY

- Occupational Hygiene Surveys
- Occupational Hygiene Sampling and Monitoring
- Hygiene Control Methods
- Personal Protection Equipment
- Human Toxicology
- Descriptive Toxicology
- Toxic effects of Organic Chemicals
- Toxicology of Heavy Metals
- Chemical Hazards
- Physical Hazards
 - * Radiation
 - * Vibration
 - * Noise
 - * Atmospheric Pressure
 - * Temperature
- Biological Monitoring
- Surveillance of Workers exposed to Chemical/Toxic/Physical Hazards

8. WORK ORGANISATION AND PSYCHOLOGY

- The Nature of Organisations
(Size, Structure, Public and Private Sector)
- Management Programming
(Objectives, Strategies, Targets etc.)
- Trade Unions
- Employer Organisations
- Health and Safety Committees
- Psychosocial Environment
- Occupational Psychology
- New Technologies (changing patterns of employment)
- Psychological Testing
- Shiftwork

9. ERGONOMICS

- Principles of Ergonomics
- Lighting and Vision Standards
- Working Environment (ventilation, working temperature, sick building syndrome)
- Manual Handling
- Prevention of Cumulative Trauma Disorders
- Visual Display Units and Computer Systems

10. ENVIRONMENTAL ISSUES RELATED TO WORK PRACTICE

- Relationships of Occupational Health Services to General Environmental Agencies
- Stack Emissions
- Waste Disposal
- Ecotoxicology
- General Population Effects of Toxic Hazards
- Disaster Control and Emergency Planning
- Dangerous Substances (storage, packaging, labelling and conveyance)

11. WORKPLACE HEALTH PROMOTION

- Assessing needs for Health Promotion
- Provision of Health Promotion Programmes
- Group Communications