

## ABI- 8010 ABIOSH CERTIFICATE IN DISASTER AND EMERGENCY MANAGEMENT (EDM)



**Course Overview**

Even with planning and measures put in place, disasters do still occur; man-made, technological and natural disasters. The Emergency and Disaster Management (EDM) course equips delegates in the management, emergency planning, hazard mitigation and preparedness, disaster response and recovery of these disasters. It also helps in the strengthening of the capacity of individuals to reduce the impact of disasters through enhancing their knowledge and skills to promote and adopt disaster reduction practices as an integral part of the development process at company, community, national, sub regional and regional levels. It provides a range of learning opportunities to disaster managers who wish to include knowledge of disaster management in their ongoing professional development.

The course provides participants with a regional, national and international perspective on disaster management. Aside natural disasters, special emphasis is placed on the specific disaster profile of critical sectors such as the catastrophic release of dangerous substances from the oil and gas, offshore, maritime activities; collapse of telecommunication masts, aircraft, building and construction mishaps, industrial and manufacturing disasters, health epidemics and so on. It also addresses regional/country and issues relating to vulnerability and risk assessment, prevention, mitigation, preparedness, rehabilitation and reconstruction and relevant legislation.

**PRE-REQUISITE:** None**DURATION:** 1Week

## TARGET AUDIENCE

- Health, safety and environment Professionals,
- Operators of critical facilities (Oil & Gas; offshore, Aviation; Maritime; Industrial; Telecoms etc).
- Human resources personnel.
- Logistics Personnel and Operation Personnel.
- Medical practitioners and paramedics.
- Disaster management and emergency services professionals e.g. fire services,
- NGO functionaries.
- Law enforcement & Regulators.
- Rural development functionaries.
- Volunteers and Relief Workers

## COURSE CONTENTS

### Unit EDM 1

**Element 1:** Fundamentals of Emergency and disaster management

**Element 2:** Types of Emergencies and Disasters

**Element 3:** Natural Hazards: Causes and Effects

**Element 4:** Technological Hazards: Causes and Effects

**Element 5:** Hazard and Disaster Risk Management and mitigation

**Element 6:** Pre-Planning and Maintaining a State of Readiness

**Element 7:** Emergency and Disaster Operations Management

**Element 8:** Evacuation and evacuation procedures

**Element 9:** Emergency and Disaster Logistics Management

**Element 10:** Post-traumatic Stress Disorder (PTSD)

**Element 11:** Critical Incident Stress

**Element 12:** Organisation of Emergency Command Centre

**Element 13:** Emergency information management and telecommunications

**Element 14:** Effective Actions during Disaster

**Element 15:** Disasters and Development

**Element 16:** Emergency & Disaster Assessment

**Element 17:** Disaster management ethics

**Element 18:** Developing and Managing Volunteers

**Element 19:** Displaced persons in civil conflicts

**Element 20:** Vulnerability and risk Assessment

Element 21: Critical Sectors Disasters and Mitigations (Oil and Gas; Maritime; Aviation; industrial; Building; Health, Telecommunications)

**Element 22:** Emergency & Disaster preparedness and Response

**Unit EDM 2:** individual Project work involving designing an emergency disaster plan for their company

**EXAM STRUCTURE:**

Unit EDM1: To achieve competence students will complete two hours written confirmation test or a e portal project

Unit EDM2: Project work to be submitted 3 weeks after completion of training