



SCHSOHS 02
Occupational Health and Safety II (Conducting & Preparing Risk Assessments)
Course Structure

Contact Hrs- 09

Mode of Delivery - In-person Sessions

Aim of the Course:

The aim of this course is to provide a sound understanding of how to conduct a Risk Assessment in a Manufacturing Environment.

Course Description:

Building on the foundational knowledge gained in the Introduction to Occupational Health and Safety course, this program focuses on developing the skills needed to perform effective Risk Assessments and prepare appropriate Control Systems for workplace safety. Participants will learn to identify hazards, evaluate risks, and implement measures to mitigate or eliminate these risks.

Through engaging presentations, instructional videos, and practical applications, this course provides a comprehensive understanding of risk assessment processes and the preparation of control systems tailored to real-world workplace scenarios. This program is ideal for individuals seeking to enhance workplace safety and foster a culture of proactive risk management. Topics to be covered include:

- Introduction to Risk Assessments
- Principles and Practice of Risk Assessments
- Legal Requirements for Risk Assessments in Trinidad and Tobago
- Identification of Hazards in a Manufacturing Environment
- Hierarchy of Risk Control
- Risk Rating and Ranking
- Practical – Risk Assessment
- Evaluation of Practical Risk Assessments

Pre-requisites:

- Successful completion of an introductory Occupational Health & Safety course.

Modules covered in this course:

Module 1: - Introduction to Risk Assessments

- Definitions
- Legal Requirements / Laws of Trinidad and Tobago
- Risk Assessments

Module 2: - Principles and Practice of Risk Assessments

- Requirements of the Law.
- The 5 Steps in Risk Assessment

Module 3: -Workplace Hazards and Risk Control

- Practical - Conducting Risk Assessments
 - Identification of Hazards in an industrial setting
 - Documentation
 - Control systems

Module 4: - Risk Assessment – Practical Assessment

- Risk Rating.
- Evaluation and Feedback of Risk Assessment Assignment.

Assessment Structure –

- Assessment 1- 15%- Research Project – Students will conduct research on a HSE related topic and submit a one-page essay.
- Assessment 2- 25% Multiple Choice Quiz – Students will answer 25 Multiple Choice Questions (MCQ) based on the theory sessions.
- Assessment 3- 60% Risk Assessment Assignment – Students will conduct a Risk Assessment at MIC-IT and submit their Reports.

Note- Details on assessments will be provided in class