

Accredited Training in Risk and Safety Management

Risktec offers a structured programme of accredited risk management modules leading to formal post-graduate qualifications in Risk and Safety Management. Courses are delivered in partnership with Liverpool John Moores University (LJMU) in the UK. The programme aims to help bridge the competence gap in hazardous industries.

Alternatively, single modules can be delivered on a stand-alone basis to gain Continuous Professional Development (CPD) points. Modules can also be delivered without assessment. All modules and programmes can be delivered at client premises.

The programme

The post-graduate programme is designed to meet the growing need for industry-related courses and qualifications in risk management, delivered by teachers with industrial experience. The courses are practical and aim to develop the skills and knowledge of students.

To meet client requirements, we customise the modules to create business-specific courses. In this way, the training tackles the important issues cost-effectively for each client, by ensuring that all learning relates to the client's operations and facilities, while still being at an accredited post-graduate level.

The approach ensures participants attend courses which are attractive to them as individuals and also completely relevant to their job role and their employer.

Risktec has a proven track record of quality delivery and uses experienced consultants to deliver the modules. All our teachers have been through a comprehensive development process in order to teach at post-graduate level. As a result, we provide a unique mixture of theory and practical experience.

Key benefits

The key benefits to the student include:

- Receipt of a formal qualification from a recognised institution

- Demonstration of competence rather than just attending a training course
- Specific learning, where case studies are directly related to the place of work, which also reduces the self-study burden
- Pathways through modules that are tailored to individual needs

The key benefits for the client company include:

- More skilled resource with formal qualification, and greater staff retention
- Relevant learning, by embedding the company message in material and tailoring case studies and methods
- Up-to-date learning delivered by active risk practitioners
- A modular approach that maximises flexibility, with no restrictions on timing
- Effective use of training budget through targeted training that meets business needs

Post-Graduate Certificate

Core Modules	Optional Modules <i>Choose one</i>
Introduction to Practical Risk Mgmt	Bowtie Analysis
Hazard Identification	Risk Control Systems & Performance
Hazard Assessment	Safety/HSE Cases
Risk Reduction & ALARP	Competency Mgmt, Culture & Behaviour
Health, Safety & Environment (HSE) Mgmt Systems	

Key features of programme:

- Each module usually involves 2 days of classroom teaching and an assessment of up to 3,000 words
- Modules and assessments can be tailored to client's facilities and operations
- Programme can be delivered at client's premises and timing is flexible
- Qualification can be supplemented with industry technology modules and practical site experience
- Modules can be delivered as PgCert, PgDip or MSc programme, stand-alone for CPD awards or without assessment
- For MSc programme, Research Methods and eleven other modules must be completed prior to starting the Project



Training & Education in Risk & Safety Management

Post-Graduate Diploma

Choose six

Identification and Assessment	Management Systems and Implementation	Risk-Based Decision Making
HAZOP Study	Safety/HSE Cases	Risk Control Systems & Performance
Bowtie Analysis	Accident Investigation & Analysis	QRA for Oil & Gas & Process Industries
Safety Integrity Levels (SIL)	Emergency Response Planning	Oil & Gas & Process Industry Risk Studies
Availability, Reliability and Maintainability (ARM)	Workplace Safety	PSA in Nuclear Industries
Fault Tree & Event Tree Analysis		Rail Safety Analysis
		Business Continuity Management
		Research Methods

Master of Science

Project

Other Training Courses

Unaccredited	Accredited Marine Safety & Security Courses
Process Hazard Analysis	Company Security Officer
BowTieXP Software	Ship Security Officer
Investigator 3 Software	Port Facility Security Officer
Security Risk Management	Maritime Security Officer
Project Risk Management	
Design Substantiation	

Unaccredited Nuclear Foundation Modules	
Nuclear Reactor Basics	Implementing a Regulatory Regime
Nuclear Reactor Safety Principles	Radiological Protection
Principles of Regulatory Systems	Radioactive Waste Management

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