

## 2 Day Course

**This course is aimed at Designers and Design Risk Managers, providing a full understanding of the Designers' duties under CDM2015 and the options that are available for achieving these obligations. The course could also be suitable for Principal Designers if they are experienced in the design requirements of CDM2007. Discussions and debates are encouraged throughout this course. This course is accredited by the Association for Project Safety (APS).**

### Day 1

**Session 1 Introduction and Setting Course Objectives**

**Session 2 Design Risk Management and Project Risk Management**

A brief introduction to risk and project management during design and an outline to the applications of CDM Regulations.

**Session 3 Construction Related Health and Safety Legislation**

A synopsis of health and safety related legislation which may have influences on designers for construction works.

**Session 4 Personal Safety & Professional Responsibility**

Brief summary outlining potential responsibilities of designers visiting live sites, acting as site engineers, engineers to the contract, etc.

**Session 5 Principal Designer and the Designers**

An overview of the legal duties of principal designer and the designers for risk elimination and reduction, including discussion on who is a designer.

**Syndicate Exercise:** Discussions with the client

**Session 6 Design Risk Management Services & Systems**

Discussion relating to designers' management systems, project organisation structures, legal liabilities for civil, criminal and professional indemnity. Building Information Modelling (BIM)

### Day 2

**Session 7 Demonstrating and Assessing Competence and Resources**

How to ensure competence and resources can be demonstrated to potential clients. Ensuring the competence and resources of sub-consultants. Discussion about competence, resources & capability.

**Session 8 Hazard Identification and Working within the Team**

Detailed understanding of the requirements of regulations 9 the CDM2015 regulations, co-operation with the principal designer and co-operation and co-ordination with others

**Syndicate Exercise:** Identifying and addressing project risks

**Session 9 Contractor Related Issues and Design During Construction**

Ongoing design during the construction phase, changes to designs, input into temporary works. Co-operation and co-ordination between designers, contractors, the principal designer and the principal contractor.

**Session 10 Designer Input into Information (PCI, CPP & HSF)**

Review of design information which may be utilised as part of pre-construction information, construction phase plan, health and safety file and any other contract documents.

**Syndicate Exercise:** Identifying required information

**Session 11 APS Exam**

Explanation of marking, referring to examples. Exam paper performed within 1 hour by delegates, marked subsequent to the course. Re-sits can be arranged by email.

**Session 12 Course Review and Conclusion****Objectives:**

On completion of the course, delegates should:

- understand the principal designer's and designers' duties under the CDM regulations 2015;
- know how to effectively reduce risk by design; and
- be familiar and confident in the supply of information and production of evidence.

**Maximum number of delegates: 16**

**Pre-Course Requirements**

Those who wish to undertake the course should be familiar with and have knowledge of the construction industry and an understanding of construction health and safety requirements.