D21LD Learning from Disasters

COURSE DETAILS

Course Code: D21LD
Full Course Title: Learning from Disasters
SCQF Level: 11
SCAF Credits: 15
Available as Elective: No

DELIVERY LEVEL

Undergraduate: Yes  Postgraduate Taught: Yes  Postgraduate Research: No

Additional Information:

COURSE AIMS

To gain an in depth understanding of some classic disasters and their consequences by using a range of practical accident investigation techniques.

LEARNING OUTCOMES – SUBJECT MASTERY

1. Review some of the major safety lessons from historical disasters
2. Analyse a disaster in detail using a number of practical techniques
3. Apply these skills to a real accident to see the effectiveness of risk management
4. Understand the legislative framework in relation to these accidents

LEARNING OUTCOMES – PERSONAL ABILITIES

1. Become more aware of some critical events that shaped the development of the Safety Industry
2. Improve literature research skills and synthesis of information
3. Learn to analyse complex histories in order to find the underlying root cause.

SYLLABUS

1. Accident models;
2. Root cause and accident analysis techniques
3. Lessons learned from major disasters

COURSE RELATIONSHIPS

N/A

LOCATION AND ASSESSMENT METHODS

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