

CT3112 Professional Skills

Topic 3: Health & Safety

Lecture 1 Introduction to Topic

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Mechanical Engineering



NUI Galway
OÉ Gaillimh

Introduction to Topic 3 Health & Safety

- Lectures:
 - 4 hours
- Content:
 - Engineers Responsibility for Health & Safety
 - Risk Assessment
 - Brief Introduction to Legislation
 - Case Studies



Introduction Continued

- Evaluation:
 - Submission of Risk Assessment (Details Later)
 - 20 Marks



Topic 3 Health & Safety

Learning Outcomes

On completion of this Topic, you will be able to:

- Show an understanding of basic safety terminology and concepts.
- Demonstrate the significance of the role of the engineer in protecting the worker.
- Perform a basic risk assessment and explain its application to safety systems.
- Summarise the elements of cost and acceptability of risk.
- Understand how and why liability might arise.



Who is Martina Kelly?

- 10 years working in the Electronics Industry
- MSc in Occupational Health & Ergonomics
- PhD in Integrated Risk Management Systems

