

FEM111 Fire Safety Management

Level: 1

Credit Units: 5 Credit Units

Language: ENGLISH

Presentation Pattern: EVERY SEMESTER

Synopsis:

FEM111 Fire Safety Manager is a professional certificate course issued by BCA Academy and accredited by Singapore Civil Defense Force. It is a 24 hours vendor course with theoretical and practical training. The course covers principles of fire and fire safety design and management, and topics such as fire safety act and regulations and formulation of emergency response and evacuation plan. The course prepares students for the duties of a Fire Safety Manager.

Topics:

- Fire Safety Act and Regulations
- Basic fire science
- Fire extinguisher theory and maintenance
- Fire-fighting systems
- Fire detection alarm systems and smoke control systems
- Automatic fire extinguishing systems
- In-place protection and arson prevention plan
- Fire safety committee emergency response plan; evacuation planning
- Fundamentals of fire safety design
- Storage of fire hazardous materials
- Building inspection and testing
- Maintenance of fire-fighting and protection systems
- Structural fire precautions and means of escape

Textbooks:

Furness, Andrew; Muckett, Martin.: Introduction to Fire Safety Management (e-book) 2007 Routledge
ISBN-13: 9781136392825

Learning Outcome:

- Explain the principles of fire and fire safety design and management
- Discuss the importance of the Fire Safety Act and Regulations
- Describe the various systems in place in a building to ensure fire safety
- Identify fire hazards
- Develop an emergency response and evacuation plan
- Demonstrate competency to be a Fire Safety Manager

Assessment Strategies:

Continuous Assessment Component	Weightage (%)
TUTOR-MARKED ASSIGNMENT	20
CLASS TEST	20
CLASS TEST	20
Sub-Total	60

Examinable Component	Weightage (%)
Written Exam	40
Sub-Total	40

Weightage Total **100**