COURSE DETAIL

FIRE SAFETY ENGINEERING 3
Country United Kingdom - Scotland
Host Institution University of Edinburgh
Program(s) University of Edinburgh
UCEAP Course Level Upper Division
UCEAP Subject Area(s) Civil Engineering
UCEAP Course Number 107
UCEAP Course Suffix
UCEAP Official Title FIRE SAFETY ENGINEERING 3
UCEAP Transcript Title FIRE SAFETY ENGR 3
UCEAP Quarter Units 4.00
UCEAP Semester Units 2.70

Course Description
This course provides the basic knowledge required to study fire safety engineering. This includes basic tools related to fluid mechanics, heat transfer, and combustion. The core of the course provides a general overview of the discipline including fire science, fire safety, and fire protection systems. The course specifically covers aspects related to fire science and their application in the design of the built environment. The course starts with an overview of the fire problem, describes the tools that the engineer has to design fire safe infrastructure, and develops the fundamentals of fire science which underpin this practice. The course covers materials and their reaction to fire, structural fire engineering, and fire testing.

Language(s) of Instruction
English

Host Institution Course Number
CIVE09023

Host Institution Course Title
FIRE SAFETY ENGINEERING 3

Host Institution Course Details

Host Institution Campus
Edinburgh

Host Institution Faculty

Host Institution Degree

Host Institution Department
Civil Engineering

Course Last Reviewed

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