

COURSE DETAIL

INTRODUCTION TO NUCLEAR ENGINEERING

Country

United Kingdom - England

Host Institution

Imperial College London

Program(s)

Imperial College London

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Mechanical Engineering

UCEAP Course Number

124

UCEAP Course Suffix**UCEAP Official Title**

INTRODUCTION TO NUCLEAR ENGINEERING

UCEAP Transcript Title

INTRO NUCLEAR ENGR

UCEAP Quarter Units

4.00

UCEAP Semester Units

2.70

Course Description

This course exposes students to the engineering, safety, and socio-economic context of nuclear energy. It explores the technical, industrial, social, economic, and environmental issues related to nuclear energy and the interplay of the many technical (and economic and social) issues that arise in the use of nuclear energy. Students analyze, with the aid of appropriate simplifications, the economics of nuclear energy generation.

Language(s) of Instruction

English

Host Institution Course Number

MECH96010

Host Institution Course Title

INTRODUCTION TO NUCLEAR ENGINEERING

Host Institution Campus

Imperial College London

Host Institution Faculty

Host Institution Degree

Host Institution Department

Mechanical Engineering

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