

# 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 Course Details**

[https://www.imperial.ac.uk/mechanical-  
engineering/study/undergraduate/detailed-...](https://www.imperial.ac.uk/mechanical-engineering/study/undergraduate/detailed-...)

### **Host Institution Campus**

Imperial College London

### **Host Institution Faculty**

### **Host Institution Degree**

### **Host Institution Department**

Mechanical Engineering

### **Course Last Reviewed**

2021-2022

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