

# COURSE DETAIL

## PROGRAMMING SKILLS FOR ENGINEERS 2

**Country**

United Kingdom - Scotland

**Host Institution**

University of Edinburgh

**Program(s)**

University of Edinburgh

**UCEAP Course Level**

Upper Division

**UCEAP Subject Area(s)**

Engineering Computer Science

**UCEAP Course Number**

118

**UCEAP Course Suffix****UCEAP Official Title**

PROGRAMMING SKILLS FOR ENGINEERS 2

**UCEAP Transcript Title**

PROGRAMNG FOR ENG 2

**UCEAP Quarter Units**

4.00

**UCEAP Semester Units**

2.70

## Course Description

This course introduces python programming, software engineering and design techniques to engineering students. It also introduces the use of libraries like SciPy, NumPy and Matplotlib for solving equations (using appropriate numerical methods) and the use of JuPyter Lab notebooks to present calculations.

## Language(s) of Instruction

English

## Host Institution Course Number

SCEE08014

## Host Institution Course Title

PROGRAMMING SKILLS FOR ENGINEERS 2

## Host Institution Campus

## Host Institution Faculty

School of Engineering

## Host Institution Degree

## Host Institution Department

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