

# COURSE DETAIL

## SIMULATION OF ENGINEERING SYSTEMS 3

**Country**

United Kingdom - Scotland

**Host Institution**

University of Glasgow

**Program(s)**

Scottish Universities, University of Glasgow

**UCEAP Course Level**

Upper Division

**UCEAP Subject Area(s)**

Engineering

**UCEAP Course Number**

110

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

SIMULATION OF ENGINEERING SYSTEMS 3

**UCEAP Transcript Title**

SIMULATION ENGR SYS

**UCEAP Quarter Units**

4.00

**UCEAP Semester Units**

2.70

**Course Description**

This course provides an understanding of how continuous-time systems can be simulated by means of the numerical solution of mathematical models. It introduces commonly used simulation tools and numerical methods. It also considers the real-time application of simulation for hardware in the loop analysis and immersive training simulators.

**Language(s) of Instruction**

English

**Host Institution Course Number**

ENG3036

**Host Institution Course Title**

SIMULATION OF ENGINEERING SYSTEMS 3

**Host Institution Course Details****Host Institution Campus**

University of Glasgow

**Host Institution Faculty****Host Institution Degree****Host Institution Department**

School of Engineering

**Course Last Reviewed**

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