

# COURSE DETAIL

## DESIGN FOR MANUFACTURE

**Country**

United Kingdom - England

**Host Institution**

University of Sussex

**Program(s)**

University of Sussex

**UCEAP Course Level**

Upper Division

**UCEAP Subject Area(s)**

Engineering

**UCEAP Course Number**

129

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

DESIGN FOR MANUFACTURE

**UCEAP Transcript Title**

DESIGN FOR MANUFACT

**UCEAP Quarter Units**

6.00

**UCEAP Semester Units**

4.00

**Course Description**

This course explores concepts of industrial engineering, operations management, materials and processes, product design, quality control, sustainability, and CAD among others. In addition, students examine how these factors have an impact on the manufacturing feasibility of a product. Other topics include tolerancing, process capability, production types, product design specification, rapid manufacturing, cradle-to-cradle design, solid 3D modelling, industrial (ISO and BS) standards, technical drawings, cost estimation, and project planning.

**Language(s) of Instruction**

English

**Host Institution Course Number**

H7104

**Host Institution Course Title**

DESIGN FOR MANUFACTURE

**Host Institution Course Details**

<https://www.sussex.ac.uk/study/international-students/visiting-exchange-erasmus...>

**Host Institution Campus**

University of Sussex

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

Engineering and Design

**Course Last Reviewed**

2018-2019

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