

COURSE DETAIL

MANUFACTURING SYSTEMS AND PROJECT MANAGEMENT

Country

Ireland

Host Institution

Trinity College Dublin

Program(s)

Irish Universities, Trinity College Dublin

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Mechanical Engineering

UCEAP Course Number

130

UCEAP Course Suffix**UCEAP Official Title**

MANUFACTURING SYSTEMS AND PROJECT MANAGEMENT

UCEAP Transcript Title

MANUFACTURING &MGMT

UCEAP Quarter Units

4.00

UCEAP Semester Units

2.70

Course Description

This course introduces operations management of manufacturing systems. It explores strategies for operating and optimizing the production of products in different varieties and volumes with limited resources and in competitive environments. The impacts of design decisions on manufacturing performance and the physical organization of plants are explored through various DFM and plant layout strategies. Formal project management methods are introduced reflecting the growing use of continuous improvement through project management.

Language(s) of Instruction

English

Host Institution Course Number

ME4B06

Host Institution Course Title

MANUFACTURING SYSTEMS AND PROJECT MANAGEMENT

Host Institution Campus

Trinity College Dublin

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

Mechanical Engineering

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