COURSE DETAIL

3D COMPUTER AIDED DESIGN
Country Ireland
Host Institution Trinity College Dublin
Program(s) Trinity College Dublin
UCEAP Course Level Upper Division
UCEAP Subject Area(s) Mechanical Engineering
UCEAP Course Number 156
UCEAP Course Suffix
UCEAP Official Title 3D COMPUTER AIDED DESIGN
UCEAP Transcript Title 3D COMP AID DESIGN
UCEAP Quarter Units 5.00
UCEAP Semester Units 3.30

Course Description

The course is mostly focused on self-directed learning through the completion of weekly 2-hour lab with a number of exercises. In addition, there is one lecture per week. Notes and videos are available to progress through the course via blackboard. Students should be able to create 3D models of complex engineering components using CAD software; build engineering assemblies of components using CAD software; interpret manufacturing engineering drawings; construct manufacturing drawings of components and assemblies using CAD software; and analyze engineering components using simulations techniques.

Language(s) of Instruction
English

Host Institution Course Number
MEU23B10

Host Institution Course Title
3D COMPUTER AIDED DESIGN

Host Institution Course Details
https://my.uceap.universityofcalifornia.edu/sites/default/files/host-course-syl...

Host Institution Campus
Trinity College Dublin

Host Institution Faculty

Host Institution Degree

Host Institution Department
Engineering

Course Last Reviewed
2024-2025

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