COURSE DETAIL

MEDICAL DEVICE DESIGN FUNDAMENTALS
Country Ireland
Host Institution Trinity College Dublin
Program(s) Trinity College Dublin
UCEAP Course Level Upper Division
UCEAP Subject Area(s) Bioengineering
UCEAP Course Number 148
UCEAP Course Suffix
UCEAP Official Title MEDICAL DEVICE DESIGN FUNDAMENTALS
UCEAP Transcript Title MED DEVICE DESIGN
UCEAP Quarter Units 5.00
UCEAP Semester Units 3.30

Course Description

The course educates students in the area of medical device design. This is a broad course and its focus does not solely revolve around the engineering challenges associated with designing a medical device, lectures focus on many aspects: understanding clinical trial data, understanding the anatomical fundamentals associated with the device area, developing intellectual property strategies, regulation of medical devices, risk analysis, manufacturing techniques and requirements, reimbursement, and case studies of successful and unsuccessful medical device development.

Language(s) of Instruction
English

Host Institution Course Number
MEU44B15

Host Institution Course Title
MEDICAL DEVICE DESIGN FUNDAMENTALS

Host Institution Course Details

Host Institution Campus
Trinity College Dublin

Host Institution Faculty

Host Institution Degree

Host Institution Department

Course Last Reviewed
2024-2025

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