COURSE DETAIL

ROBOTICS AND BIOMEDICAL SYSTEMS CONTROL
Country Spain
Host Institution University of Barcelona
Program(s) University of Barcelona
UCEAP Course Level Upper Division
UCEAP Subject Area(s) Electrical Engineering Computer Science Bioengineering
UCEAP Course Number 170
UCEAP Course Suffix
UCEAP Official Title ROBOTICS AND BIOMEDICAL SYSTEMS CONTROL
UCEAP Transcript Title ROBOTICS&BIOMED SYS
UCEAP Quarter Units 5.00
UCEAP Semester Units 3.30

Course Description

This course provides an introduction to medical robotics and its applications. It covers recent developments in robotics for medical applications, position and orientation (POSE) of a robotic system, the kinematics of arm-type and vehicle-type robots, the trajectory of an arm-type robot end effector, and the different biomedical system controls.

Language(s) of Instruction
English

Host Institution Course Number
363758

Host Institution Course Title
ROBOTICS AND BIOMEDICAL SYSTEMS CONTROL

Host Institution Course Details
https://grad.ub.edu/grad3/plae/AccesInformePD?curs=2023&codiGiga=363758&idioma=...

Host Institution Campus
Campus Universitat

Host Institution Faculty
Facultat de Matemàtiques i Informàtica

Host Institution Degree
Enginyeria electrònica

Host Institution Department
Departament d'Enginyeria Electrònica i Biomèdica

Course Last Reviewed
2023-2024

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