

COURSE DETAIL

CARDIOVASCULAR BIOENGINEERING

Country

Taiwan

Host Institution

National Taiwan University

Program(s)

National Taiwan University

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Mechanical Engineering

UCEAP Course Number

103

UCEAP Course Suffix**UCEAP Official Title**

CARDIOVASCULAR BIOENGINEERING

UCEAP Transcript Title

CARDIOVSCL BIOENGR

UCEAP Quarter Units

4.50

UCEAP Semester Units

3.00

Course Description

This course offers a study on the development of bioengineering principles applied to the cardiovascular system. This course covers: the anatomy of the human cardiovascular system; cardiovascular and neurovascular diseases; diagnostic tools and treatment strategies; cardiovascular medical devices; biofluid mechanics, and biomaterial behavior.

Language(s) of Instruction

English

Host Institution Course Number

ME5290

Host Institution Course Title

CARDIOVASCULAR BIOENGINEERING

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department

Mechanical Engineering

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