

COURSE DETAIL

BIOMEDICAL INSTRUMENTATION

Country

Singapore

Host Institution

Nanyang Technological University

Program(s)

Nanyang Technological University

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Bioengineering

UCEAP Course Number

114

UCEAP Course Suffix**UCEAP Official Title**

BIOMEDICAL INSTRUMENTATION

UCEAP Transcript Title

BIOMED INSTRUMENTAT

UCEAP Quarter Units

4.50

UCEAP Semester Units

3.00

Course Description

This course introduces biomedical instruments and their working principles. Topics include basic concepts of medical instrumentation, basic sensors and transducers, amplifiers and signal processing, and basic physiology related to each measurement.

Language(s) of Instruction

English

Host Institution Course Number

BG3105

Host Institution Course Title

BIOMEDICAL INSTRUMENTATION

Host Institution Course Details

https://wis.ntu.edu.sg/webexe/owa/aus_subj_cont.main

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department

Bioengineering

Course Last Reviewed

2025-2026

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