

COURSE DETAIL

SIGNALS AND SYSTEMS

Country

Singapore

Host Institution

Nanyang Technological University

Program(s)

Nanyang Technological University

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Electrical Engineering

UCEAP Course Number

116

UCEAP Course Suffix**UCEAP Official Title**

SIGNALS AND SYSTEMS

UCEAP Transcript Title

SIGNALS AND SYSTEMS

UCEAP Quarter Units

4.50

UCEAP Semester Units

3.00

Course Description

In this course, students examine the representation of continuous-time and discrete-time signals; their frequency characteristics and Fourier spectrum; representation and characteristics of linear time-invariant systems in both time and frequency domains; and the principles of sampling a continuous-time signal to yield a discrete-time one.

Language(s) of Instruction

English

Host Institution Course Number

IE2110

Host Institution Course Title

SIGNALS AND SYSTEMS

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

Electrical and Electronic Engineering

Course Last Reviewed

2025-2026

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