

## COURSE DETAIL

### MECHANISMS OF MACHINERY

**Country**

Hong Kong

**Host Institution**

Hong Kong University of Science and Technology (HKUST)

**Program(s)**

Hong Kong University of Science and Technology

**UCEAP Course Level**

Upper Division

**UCEAP Subject Area(s)**

Mechanical Engineering

**UCEAP Course Number**

111

**UCEAP Course Suffix****UCEAP Official Title**

MECHANISMS OF MACHINERY

**UCEAP Transcript Title**

MECHNSMS: MACHINERY

**UCEAP Quarter Units**

4.50

**UCEAP Semester Units**

3.00

## Course Description

This course examines topics on kinematic analysis of mechanisms (position, velocity, and acceleration analysis of solid bodies and mechanisms) and design/synthesis of mechanisms (how to determine the geometry of a mechanism to achieve kinematic goals).

### Language(s) of Instruction

English

### Host Institution Course Number

MECH 3030

### Host Institution Course Title

MECHANISMS OF MACHINERY

### Host Institution Course Details

### Host Institution Campus

### Host Institution Faculty

### Host Institution Degree

### Host Institution Department

### Course Last Reviewed

2023-2024

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