# **COURSE DETAIL**

## **ENGINEERING MATHEMATICS 3**

## **Country**

**Taiwan** 

### **Host Institution**

**National Taiwan University** 

## Program(s)

National Taiwan University

### **UCEAP Course Level**

**Upper Division** 

## **UCEAP Subject Area(s)**

**Mathematics Engineering** 

### **UCEAP Course Number**

104

### **UCEAP Course Suffix**

#### **UCEAP Official Title**

**ENGINEERING MATHEMATICS 3** 

## **UCEAP Transcript Title**

**ENGINEERING MATH 3** 

## **UCEAP Quarter Units**

4.50

#### **UCEAP Semester Units**

3.00

## **Course Description**

This engineering mathematics course covers matrices and gaussian elimination, vector spaces, orthogonality, determinants, eigenvalues and eigenvectors, and positive definite matrices.

## Language(s) of Instruction

English

### **Host Institution Course Number**

ESOE3042

#### **Host Institution Course Title**

**ENGINEERING MATHEMATICS 3** 

**Host Institution Campus** 

**Host Institution Faculty** 

**Host Institution Degree** 

# **Host Institution Department**

**ENGINEERING SCIENCE OCEAN** 

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