## **COURSE DETAIL**

# DIFFERENTIAL EQUATIONS

## **Country**

New Zealand

#### **Host Institution**

University of Auckland

### Program(s)

University of Auckland

#### **UCEAP Course Level**

**Upper Division** 

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

Mathematics

#### **UCEAP Course Number**

126

#### **UCEAP Course Suffix**

#### **UCEAP Official Title**

**DIFFERENTIAL EQUATIONS** 

## **UCEAP Transcript Title**

**DIFFRENTIAL EQUATNS** 

## **UCEAP Quarter Units**

6.00

#### **UCEAP Semester Units**

4.00

### **Course Description**

This course examines methods for understanding the behavior of solutions to ordinary differential equations. Qualitative and elementary numerical methods for obtaining information about solutions are discussed, as well as some analytical techniques for finding exact solutions in certain cases.

## Language(s) of Instruction

English

#### **Host Institution Course Number**

MATHS 260

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

**DIFFERENTIAL EQUATIONS** 

## **Host Institution Campus**

Auckland

### **Host Institution Faculty**

Science

### **Host Institution Degree**

## **Host Institution Department**

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