# **COURSE DETAIL**

# **LINEAR ALGEBRA 2**

# **Country**

United Kingdom - England

#### **Host Institution**

**University of Sussex** 

# Program(s)

University of Sussex

#### **UCEAP Course Level**

**Upper Division** 

# **UCEAP Subject Area(s)**

Mathematics

#### **UCEAP Course Number**

106

#### **UCEAP Course Suffix**

#### **UCEAP Official Title**

LINEAR ALGEBRA 2

# **UCEAP Transcript Title**

LINEAR ALGEBRA 2

# **UCEAP Quarter Units**

6.00

#### **UCEAP Semester Units**

4.00

# **Course Description**

In this course, students learn about vectors spaces, subspaces, bases, inner products, linear transformations, rank/nullity, matrices of linear maps, change of basis, eigenvalues/eigenvectors, Jordan normal form, diagonalization, and special classes of linear transformations and their matrices.

# Language(s) of Instruction

English

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

G5138

### **Host Institution Course Title**

LINEAR ALGEBRA 2

### **Host Institution Campus**

**Host Institution Faculty** 

**Host Institution Degree** 

# **Host Institution Department**

**Mathematics** 

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