

COURSE DETAIL

LINEAR ALGEBRA II

Country

United Kingdom - England

Host Institution

University of London, Royal Holloway

Program(s)

University of London, Royal Holloway

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Mathematics

UCEAP Course Number

110

UCEAP Course Suffix**UCEAP Official Title**

LINEAR ALGEBRA II

UCEAP Transcript Title

LINEAR ALGEBRA II

UCEAP Quarter Units

6.00

UCEAP Semester Units

4.00

Course Description

This course covers linear transformations and their matrix representations, as well as associated concepts such as change of bases, and the rank and nullity of a linear map and the connection between them. Students also study a variety of methods and topics in linear algebra such as diagonalization, orthonormal bases, and the Gram-Schmidt orthogonalization procedure.

Language(s) of Instruction

English

Host Institution Course Number

MT2800V

Host Institution Course Title

LINEAR ALGEBRA II

Host Institution Campus

Royal Holloway

Host Institution Faculty

Host Institution Degree

Host Institution Department

Mathematics

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