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 Course Details
https://ssb-prod.ec.royalholloway.ac.uk/PROD/bwckctlg.p_disp_catalog_syllabus?c...

Host Institution Campus
Royal Holloway

Host Institution Faculty

Host Institution Degree

Host Institution Department
Mathematics

Course Last Reviewed
2022-2023

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