COURSE DETAIL

ADVANCED LINEAR ALGEBRA
Country Ireland
Host Institution University College Dublin
Program(s) Irish Universities,University College Dublin
UCEAP Course Level Upper Division
UCEAP Subject Area(s) Mathematics
UCEAP Course Number 114
UCEAP Course Suffix
UCEAP Official Title ADVANCED LINEAR ALGEBRA
UCEAP Transcript Title ADV LINEAR ALGEBRA
UCEAP Quarter Units 4.00
UCEAP Semester Units 2.70

Course Description
In this course, students explore and develop some of the more advanced ideas in linear algebra. Topics include a review of polynomials, endomorphism algebras, eigenvalues and eigenvectors, matrix algebras, direct sums of subspaces, the primary decomposition theorem, reduction to triangular form, reduction to Jordan form, and special topics.

Language(s) of Instruction
English

Host Institution Course Number
MATH30030

Host Institution Course Title
ADVANCED LINEAR ALGEBRA

Host Institution Course Details

Host Institution Campus
UC Dublin

Host Institution Faculty

Host Institution Degree

Host Institution Department
Mathematics

Course Last Reviewed

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