

COURSE DETAIL

LINEAR ALGEBRA II WITH LAB

Country

Korea, South

Host Institution

Korea University

Program(s)

Korea University

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Mathematics

UCEAP Course Number

127

UCEAP Course Suffix

B

UCEAP Official Title

LINEAR ALGEBRA II WITH LAB

UCEAP Transcript Title

LINEAR ALGEBRA/LAB

UCEAP Quarter Units

4.50

UCEAP Semester Units

3.00

Course Description

The course covers introductory linear algebra, focusing on the eigenvalues and eigenvectors of a matrix, orthogonality, and properties of positive definite matrices. The eigenvalues and eigenvectors are considered from their definitions to their applications. Other topics include orthogonal projections, the Gram-Schmidt process, and the inner product space.

Language(s) of Instruction

English

Host Institution Course Number

MATH222

Host Institution Course Title

LINEAR ALGEBRA II WITH LAB

Host Institution Course Details

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department

Mathematics

Course Last Reviewed

2022-2023

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