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 Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department
Mathematics

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