

Engineering Mathematics II (Linear Algebra)

P.001

Course outline:

1. Systems of Linear Equations and Matrices
2. Determinants
3. Vector Spaces
4. Linear Transformations
5. Eigenvalues and Eigenvectors
6. Inner Product Spaces

Grading:

1. Quizzes : 20%
2. Midterm exam: 40%
3. Final exam: 40%

Textbook:

S.J. Leon, "Linear Algebra with Applications", 9th Ed.
Pearson Education, 2015 (distributed by 三倉海
書局 in Taiwan)

Dates of quizzes and exams :

1. Quizzes : 3/17 (=), 3/31 (=), 5/12 (=), 6/2 (=)
2. Midterm exam : 4/21 (=)
3. Final exam : 6/16 (=)