Syllabus

Linear Algebra

Fall 2001

Instructor: Ting-Chao Hou, Tel: x33201, E-Mail: tch@ee.ccu.edu.tw

Office Hours: 10-12 AM, Wed., EA323


TA: Liu Hsin-Chiao

Contents:

- Week 1-4 Systems of Linear Equations and Matrices
- Week 5 Determinants
- Week 6-7 Vectors in $\mathbb{R}^2$ and $\mathbb{R}^3$
- Week 7-8 Vector Space (I)
- Midterm
- Week 10-11 Vector Space (II)
- Week 12-13 Linear Transformation
- Week 14-16 Eigenvalues, Eigenvectors, and Canonical Forms
- Final Exam.

Grading Policy:

- Homeworks 20 %
- Quiz. 10%
- Mid-term Exam. 30 %
- Final Exam. 30 %
- Participation 10 %