COURSE INFORMATION SHEET

COURSE NUMBER & TITLE: MATH 1H03 – Linear Algebra for Engineering

CALENDAR REFERENCE: 2004/2005 Undergraduate University Calendar. Page 239
CEAB COURSE TYPE: Program compulsory.
TOTAL NUMBER OF LECTURE SECTIONS: 4
MINIMUM/MAXIMUM NUMBER OF STUDENTS PER SECTION:
TOTAL NUMBER OF LABORATORY/TUTORIAL SECTIONS: 0/20
MINIMUM/MAXIMUM NUMBER OF STUDENTS PER LABORATORY/TUTORIAL SECTION:

MAJOR TOPICS:
1. Linear systems of equations
2. Matrices
3. Determinants
4. Vectors in R2 and R3
5. R^n vector spaces
6. General vector spaces
7. Orthogonality
8. Eigenvalues and eigenvectors
9. Complex Numbers

PRESCRIBED TEXT(S):
1. Nicholson, *Linear Algebra with Applications*, 4th Ed, McGraw-Hill.

INSTRUCTIONAL HOURS PER WEEK: 3 lectures, 1 tutorial
COMPUTER EXPERIENCE: N/A
LABORATORY EXPERIENCE: N/A
PROFESSOR-IN-CHARGE: A. Childs, Ph.D., Assistant Professor (Mathematics)
OTHER INSTRUCTORS: A. Kuznetsov, Ph.D., Post-Doctoral Fellow (Mathematics)
R. Griffiths,M.Sc.., Ph.D. Student (Mathematics)
D. Moraru, Ph.D., Post-Doctoral Fellow (Mathematics)
TEACHING ASSISTANTS (NUMBER/HOURS): 8/1040

CEAB CURRICULUM CATEGORY CONTENT:
Total = 100%
M= 100% **S=** 0% **C=** 0% **ES=** 0% **ED=** 0%

AVERAGE GRADE/FAILURE RATE: C+ / 9%

EXPLANATORY NOTES ON INCONSISTENCIES WITH CALENDAR INFORMATION (IF APPLICABLE)*:*

DATE: November 16, 2004