COURSE INFORMATION SHEET

COURSE NUMBER & TITLE: MATH 1N03 – Calculus for Engineering 1
CALENDAR REFERENCE: 2004/2005 Undergraduate University Calendar. Page 240
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. Limits
2. Differentiation and its applications
3. Basic transcendental functions
4. Anti-differentiation
5. Definition of area and integrals
6. Fundamental Theorem of Calculus
7. Applications of integration
8. Techniques of integration

PRESCRIBED TEXT(S):
1. J. Stewart, *Calculus: Early Transcendentals*, 5th Ed., Brooks-Cole

INSTRUCTIONAL HOURS PER WEEK: 3 lectures and 1 tutorial (1 term)
COMPUTER EXPERIENCE: N/A
LABORATORY EXPERIENCE: N/A
PROFESSOR-IN-CHARGE: A.Childs, Ph.D., Assistant Professor (Mathematics)
OTHER INSTRUCTORS: O. Unlu, Ph.D. Post-Doctoral Fellow (Mathematics)
V. Panferov, Ph.D., Post-Doctoral Fellow (Mathematics)
A. Dolich, Ph.D., Post-Doctoral Fellow (Mathematics)

TEACHING ASSISTANTS (NUMBER/HOURS): 10/1040

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

AVERAGE GRADE/FAILURE RATE: B- / 9%

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

DATE: November 16, 2004