

COURSE INFORMATION SHEET

COURSE NUMBER & TITLE: MATH 1NN3 – Calculus for Engineering 2
CALENDAR REFERENCE: 2002/2003 Undergraduate University Calendar.
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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. Sequences and series
2. Differential equations
3. Functions of several variables
4. Double integrals
5. Parametric equations
6. Vector fields and line integrals
7. Green's theorem

PRESCRIBED TEXT(S):

1. J. Stewart, *Calculus: Early Transcendentals*, 5th Ed., Brooks-Cole

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: S. Boatto, Ph.D., Post-Doctoral Fellow (Mathematics)

V. Panferov, Ph.D., Post-Doctoral Fellow (Mathematics)

L. Wang, 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: B-/10%

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

DATE: November 16, 2004