APPLIED MATHEMATICS 451
"INTRODUCTION TO MATHEMATICAL MODELLING"

Calendar Description: H(3-1T)

Mathematical formulation, solution and interpretation of real-world problems chosen from various areas. Students may consult the division for typical problem areas for any given year.

Prerequisite: Mathematics 311 or Applied Mathematics 311; and Mathematics 353 or Applied Mathematics 309 or Mathematics 331; or consent of the Division.

Syllabus

<u>Topics</u>	<u>Number of Hours</u>
Dimensional Analysis	2
Perturbation methods	3
Stability	3
Various topics and projects	28
TOTAL HOURS	**36**

* * * * * * *

2001:08:21
LPB:jml