MATHEMATICS 296
PROBLEM SEMINAR IN MATHEMATICAL MODELING

I.   Introduction

   A. Catalog Description

In this class students are given examples of problems from an annual international mathematical modeling contest. The students, in groups and with faculty mentoring, develop approaches to the problems. The students and faculty also discuss winning solutions to the problems. The students are expected to participate in the contest and give a presentation of their solution. The course meets once per week, is graded pass/no pass, is a 0 credit course, and can be repeated. *Prerequisites: MATH 221 and 232 or permission of the instructor.*

   B. Objectives

Provide an opportunity for students to prepare for and participate in the COMAP mathematics modeling contest. The COMAP mathematics modeling contest is now interdisciplinary and students from other science fields may also have an interest. Interested and capable students of all majors may benefit from taking this class.

   C. Prerequisites

MATH 221 and 232 or permission of the instructor

II. Topics

The selection of topics is left to the discretion of the instructor whose selection might include, but is not limited to:

   A. Problem Solving …

   B.

   C.

III. Bibliography

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