

## MATHEMATICS 032

### "INTRODUCTION TO MATHEMATICAL SOFTWARE"

**Calendar Description: E(8 hours)**

A hands-on course involving on-line calculations, graphics, programs and sources of error in the basic packages of Maple, Mathematica, and Matlab.

**Note:** Open to all students.

### *Syllabus*

<u>Topics</u>	<u>Number of Hours</u>
Mathematics on the computer: representing numbers; numerical operators; symbolic calculations, and equations	2
MAPLE - a symbolic calculator	2
MATLAB - numerical MATrix LABoratory	2
Mathematica - a bit of both	2
<b>TOTAL HOURS</b>	<b>8</b>

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