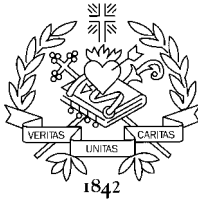


VILLANOVA UNIVERSITY



DEPARTMENT OF ELECTRICAL AND
COMPUTER ENGINEERING

ECE 2409
FUNDAMENTALS OF MATLAB

FALL 98

Instructor: Prof. Bijan Mobasser
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TA: Dan DeVos
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Hours: TBA
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PREREQUISITES

Matrix and linear algebra, calculus, circuits.

OBJECTIVES

Achieve proficiency in using MATLAB for the simulation and analysis of problems encountered in electrical and computer engineering. These problems arise in circuit and system analysis, signal processing, communications, control, electromagnetic and materials.

TEXTBOOKS

Engineering Problem Solving with MATLAB[®], 2 ed. Delores Etter, Prentice Hall, 1997.

MATLAB[®] *User's Guide*

GRADING

Course grade is based on the following activities:

Test #1 25%
Test #2 25%
Homework 25%
Final..... 25%

TOPICS

Obtain course calendar from the home page. It includes detailed timetable on topics as well as test dates.

COURSE HOME PAGE

This course is supported by a home page with the following URL

http://www.ece.vill.edu/mobasser/ece2409_f98

To use this page, you need a browser enabled with Acrobat Reader plug-in. ECE unix machines are all properly configured