Section 0220  Period MWF 8th  Meeting Time 3:00–3:50  Room LIT 201

Dr. F.G. Garvan
408 Little Hall
(352) 294-2305
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Office Hours
MWF 5th (11:45am – 12:35pm)
Also by appointment.

Prerequisites
Grade of C or better in
MAC 2312, MAC 2512 or MAC 3473.

Textbook
by R. Kent Nagle, Edward B. Saff and Arthur David Snider.

Course Description
MAP 2302 is a 3 credit course on linear Differential Equations.
Differential Equations are ubiquitous in the sciences and engineering. This course is designed to serve students in
equation, physics, mathematics and related areas with the aim of
understanding qualitatively, applying, and solving ordinary
differential equations of the most usual types.

We will cover much of Chapters 2, 4, 7 and some Chapter 8.
This includes First Order Equations (Linear, Exact, Bernoulli etc),
second order equations and some applications to circuits and mechanics and
Laplace transforms. Series solutions will be covered in Chapter 8.

If time and interest permits we may use some computer algebra package
to solve and plot DEs.

Website:
people.clas.ufl.edu/fgarvan/map2302

Written Work and Participation
Some homework problems will be assigned and graded.

Quizzes
There will be short quizzes given throughout the semester.

EXAMS
EXAM 1: Friday, February 7
EXAM 2: Friday, March 21
EXAM 3: Monday, April 21
MAKE-UP EXAMS: Wednesday, April 30, 3:00 – 4:00pm

Grade:
Grade is based on Exams, Quizzes and Homework.
25% of grade is based on Quizzes and

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The remaining 75% is based on the three exams.

Grading scale: A 90%; A- 87%; B+ 83%; B 80%; etc.

Attendance:
Except for the exams and quizzes, attendance, while recommended, is not required.

University of Florida Policies

The course will be conducted in accord with the
University honor code and Academic Honesty Guidelines.

Students requesting classroom accommodation must first register with the Dean of Students Office. The Dean of Students Office will provide documentation to the student who must then provide this documentation to the Instructor when requesting accommodation. See Disability Resources.