UF | Maia Martcheva
Department *of* Mathematics

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Syllabus MAP 2302

General Information

Instructor: Maia Martcheva.

E-mail: maia@ufl.edu

Office: 469 Little Hall

Phone: 352-294-2319

Class time and place: MWF 12:50-1:40 (6th period), Lit 203

Office Hours: MWF 3:00-3:50 (8th period) or by appointment.

Goal, Text and Topics

Goal: Introduce the subject of Ordinary Differential Equations. Develop skills in solving single equation ODE.

Textbook: Differential Equations with Boundary Value Problems, 8th edition, Dennis Zill and Warren Wright (required).

Topics:

- Introduction to Differential Equations (Ch 1)
- Methods for Solving First Order ODEs (Ch 2)
- Higher Order Differential Equations (Ch 4)
- The Laplace Transform (Ch 7)
- Modeling with Differential Equations (Ch 3 and 5) if time permits

Notes:

- MAC 2312 is a prerequisite. You must have good integration and differentiation skills.
- Homework will be assigned on the Web. It will not be due but problems from the homework will be included on the tests.
- Calculators that do not perform symbolic calculations are permitted during examinations but graphic calculators are not permitted. In general, you should not need a calculator.

Testing and Grading:

There will be three exams during the term and a final exam. However, only your two best scores will count towards your final grade. The final exam will be given on the date and at the time published on the front page.

Hour Exam	100
Hour Exam	100
Final Exam	150
Total	350

GRADES:

1. You will have three in class 50 minute exams during the semester but only two scores will count towards your final grade. As a consequence make-up exams will not be given. You are strongly encouraged to take all exams on time.
2. Cutoffs for letter grades are decided based on jumps in the point total.

Approximate lower bounds for letter grades may be.

- A …………… 320 points or higher.
- B …………… 280 points or higher.
- C …………… 250 points or higher.
- D …………… 210 points or higher.
- E …………… below 210 points.

Special Accommodations:

Students requesting classroom accommodations or special arrangements during examinations must first register with the Dean of Students Office. The Dean of Students Office will provide documentation. The student must then make arrangements with the instructor to meet the requesting accommodation.

Academic Honesty:

Students are expected to know and follow the Code of Student Conduct. In particular, students must refrain from cheating,
not make their work available for cheating, give due credit and citation for any quoted work, and make only fair use of copyrighted materials and software. You are expected to write exams and complete computer projects on your own. The university has a policy on academic honesty, which may be found in the University of Florida Rules, 6C1-4, dealing with Student Affairs. In contrast to the exams and computer projects, you are allowed to work with others on homework problems--including the ones to be handed in.

Other Issues:

- Attendance is not required, but strongly recommended.
- Incomplete grades are assigned only for extreme situations.
- If necessary, I will schedule office hours outside the ones posted.