

# Syllabus for Elem.Diff.Equations

F2015: MAP2302 5609

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Welcome to F2015 MAP2302 5609 Elem.Diff.Equations MWF7 LIT205 (SE)

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Math dept. tel.: 352-294-2350

Prof. Jonathan King squash@ufl.edu (address)

If you need to get an important message to me (e.g, you'll be missing an exam), then BOTH email me and have the secretaries put a note in my mailbox, by telephoning 352-294-2350.

My Office: 402 Little Hall (Top floor, NE corner) 352-294-2314

"Maximize  $x$ ,  $y$  and  $z$ ."

If I am not in the office then it is best to EMAIL me, as I don't remotely pick-up phone messages. In addition, you may telephone the secretaries at 352-294-2350 and they can contact me at home.

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TEACHING PAGE: <http://squash.1gainesville.com/teaching.html>

Course-webpage: <http://squash.1gainesville.com/course.DfyQ.2015t.html>

Prof. King homepage: <http://people.clas.ufl.edu/squash/>

Math Dept.: <http://www.math.ufl.edu/>

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OFFICE HOURS: These may change during the semester. Currently:

M,W.: 8th period [15:00-15:50]

Tues.: 6th period [12:50-13:40]

/---- DfyQ SYLLABUS -----\

My PDF notes [on course-webpage], as well as most of chapters 1-4, 6-7, from

"Differential Equations with Boundary-Value Problems" (8th edition)

by Dennis Zill and Warren Wright.

We'll cover complex numbers, and convolutions earlier than the textbook.

There is a private DiffyQ Archive page, for us to communicate with each

other. I will email you the URL.

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/---- GRADES: The number of points below are /approximate/ --\  
Three in-class exams, each approx. 200 points.

There will be some small number of "pop" (unannounced) microquizzes, each worth 30points. These will never occur on religious holidays; please EMAIL of such holidays THIS WEEK.

Usually, a pop-quiz has a single, easy question. I use them primarily for attendance, or checking that an idea from the previous class caught on.

- >> Important:: I /drop/ the lowest microquiz score. AND: There
- >> is /No Makeup/ for the first missed quiz; that is what the dropped-score is for.

Under /rare/ circumstances, I /may/ give you a makeup for a later missed quiz, if you have a good reason for missing.

I usually give a microquiz /the clasday after an exam day.

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/---- More Grades: -----\  
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- \* There will be 3 exams, each approximately 200points.
- \* Some number of microquizzes (each 30points).
- \* A CP (class-participation) grade for each month (approx. 45points); CP grade is based on posting to our Archive, on class attendance, on lively participation in class.
- \* An /Optional/ Project at the end of the semester. My class has no final exam.

- > I will give a a written course-grade estimate no later than the morning of
- > Monday, 23Nov.2015, the withdraw date.

There is /no/ final exam. Rather, there will be an /Optional/ Individual Final-Project, that must be typed. It can lift or lower your grade by "one click"; a grade of "B" could become a "B+", or stay a "B" or, if the project is terrible, drop to a "B-".

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HOMEWORK: I do not collect written HW. Rather, a substantial part of your CP grade comes from your posting solutions to the Archive. These are not typically assigned; it depends on your own energy and motivation.

I will email the URL of the Archive to each student.

IMPORTANT DATES:

Class photo day is Wednesday, 02Sep2015, in class. If you want to be in a photo, look sharp!

Exam W: Wednesday, 30Sep2015.

Exam X: Wednesday, 28Oct2015.

Exam Y: Monday, 16Nov2015.

Optional Individual Final Project: Available for you to print the PDF on Thursday, 03Dec2015.

If you choose to do the project, it is due NO-LATER-THAN 2PM, on Thursday, 10Dec2015, slid under my office door, 402 Little Hall.

The class-date after each exam, we will typically have a microquiz that is meant to be a "freebie", if you read and thought about solutions to the exam that you and your colleagues posted.

Upon /rare/ occasion, I have had to move an exam one class-day earlier, or one class-day later. Please do not make alternative plans for those days.

IMPORTANT: Because I post exams the evening of exam day, so that you-all can race to post solutions, if you have an extenuating circumstance and cannot take the exam on exam day, then let me know /WAY/ in advance. I will give you the exam

ONE DAY EARLY.

I will be /grumpy/ if I have to give you the exam /after/ the exam-day, as that prevents me from posting the exam.

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