

Math 3260 Syllabus – Spring 2012

DIFFERENTIAL EQUATIONS II

Instructor Information

Instructor: Dr. Wandi Ding

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Office Hours: MWF 10:10 - 11:00am, MW 3:00 - 4:00pm or by appointment

Course Information

Textbook: Fundamentals of Differential Equations and Boundary Value Problems, 6th Edition, by Nagle, Saff and Snider.

Supplemental Reading: Boundary Value Problems, 6th Edition, by David Powers.

Class Schedule: MWF 11:30 – 12:25 am in KOM 160.

Prerequisites: MATH 3120.

Content: Three credits. Partial differential equations, series solutions for differential equations, eigenvalue problems and Sturm-Liouville equations, Green's functions, the Fourier Integrals.

Requirements: In general, you are expected to

1. Attend class lectures;
2. Come to class prepared (this includes completing homework in a timely manner and bringing your textbook). **No late homework will be accepted unless there are extraordinary situations out of your control.**
3. Read the textbook and the lecture notes thoroughly and solve the assigned problems;
4. Ask question in class when you are unsure of any concept or unclear on any assigned problem;
5. Come to my office for additional assistance as necessary;
6. Take all exams on the day they are scheduled. **If you miss one of the three in class exams, you will have one week to schedule a make-up.** Please understand

the make-up exams will be different. If one week passes and no make-up exam has been rescheduled then a zero is recorded for that exam.

Grading Policy:

Homework/project: 100 pts

Exam 1: 100 pts

Exam 2: 100 pts

Exam 3: 100 pts

Final Exam: 100 pts

450 - 500 A, 400 - 449 B, 350 - 399 C, 300 - 349 D, Below 300 F.

Final Exam: Friday, April 27, 10:00am – 12:00 p.m.

Additional Information

Drop/Withdrawal Policy

Please note the Drop Policy and Withdrawal Procedures as they are stated in the Spring 2012 Registration Guide. The last day to drop this course without a grade is January 25. The last day to drop this course with a "W" is March 23. Last day of classes is April 25. A grade of "I" will be given only in accordance with University Policy.

Department Policy with Regard to Drops After the Official Drop Date

No grade of W will be assigned after the official drop date except in situations involving extreme extenuating circumstances beyond the student's control. In particular, a W will not be granted merely because the student is failing. Students should be aware that missing the official drop date and thereby receiving an F can have ramifications on financial aid.

Lottery Scholarships

Do you have a lottery scholarship? To retain Tennessee Education Lottery Scholarship eligibility, you must earn a cumulative TELS GPA of 2.75 after 24 and 48 attempted hours and a cumulative TELS GPA of 3.0 thereafter. You may qualify with a 2.75 cumulative GPA after 72 attempted hours (and subsequent semesters), if you are enrolled full-time and maintain a semester GPA of at least 3.0. A grade of C, D, F, or I in this class may negatively impact TELS eligibility. Dropping a class after 14 days may also impact eligibility; if you withdraw from this class and it results in an enrollment status of less than full time, you may lose eligibility for your lottery scholarship. Lottery recipients are eligible to receive the scholarship for a maximum of five years from the date of initial enrollment, or until a bachelor degree is earned; students who first received the lottery scholarship in Fall 2009 or later will additionally be limited to 120 TELS attempted hours. For additional Lottery rules, please refer to your Lottery Statement of

Understanding form via RaiderNet, review lottery requirements on the web at www.mtsu.edu/scholarships/telsconteligibility_scholarships.shtml, or contact the Financial Aid Office at 898-2830.

Disability Assistance

If you have a disability that may require assistance or accommodation, or you have questions related to any accommodations for testing, note takers, readers, etc., speak with me as soon as possible. Students must also contact the Office of Disabled Students Services (898-2783) with questions about scheduling such services.