Math 4100/7100, Sections 1 & 2, Fall 2007
Dr. Tanya Christiansen

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Office Hours: Wednesdays 11:00-11:30, Thursdays 2:00-2:50, and by appointment.

Required Texts:


**Grading:** Three mid-term exams (100 pts each) 300 points
Quizzes and Homework 100 points
Final exam (comprehensive) 150 points
Total 550 points

**Exams:** Exams will be held in class on the following dates: Wed., Sept. 19, Wed., Oct. 17, and Wed., Nov. 28. There are no makeups for exams. If a student misses an exam and (1) the student informs me before the exam, and (2) the student is able to provide written verification for missing the exam for a legitimate reason, then that student will receive the percentage scored on the final for the missed exam grade. If either of (1) or (2) is not satisfied, the student will get a zero on the exam. The above procedure can be applied only once.

**Homework and quizzes:** It is extremely important that you keep up with the homework assignments in order to keep from falling behind in the course. You should expect to take at least one quiz and/or hand in homework most weeks. Quizzes will be on Fridays or announced at least one class in advance. Points for homework/quizzes may be divided unevenly (e.g. one homework assignment may count more than a quiz). There are no makeups for quizzes, but the lowest grade will be dropped.

Unless announced in class, you will not need to turn in homework. Should you be asked to turn in homework, it may be graded by spot-checking problems, grading particular problems announced in advance (which may be in addition to those listed on the homework assignment sheet), or a combination. Additionally, if one of your 10 point homework grades is lower than all of your quiz grades, you may drop your lowest (10 point) homework grade in lieu of dropping your lowest quiz grade.

**Final Exam** (READ CAREFULLY):
Section 1 (normally meeting 9:00am): Mon., Dec. 10, 1:00-3:00, location TBA
Section 2 (normally meeting at 10:00am): Tues., Dec. 11, 8:00am-10:00am, location TBA.
Other important dates:
- Mon., Aug. 27 - Last day to change sections or add
- Mon., Sept. 24 - Last day to drop without a grade
- Mon., Oct. 29 - Last day to withdraw from a course
- Thurs., Dec. 6 - Last day of classes

Prerequisites for Math 4100: Math 2300 (calculus III), with a grade in the C range or better.

IMPORTANT (from the math department): “If you are enrolled in this course and the MU systems shows that you are not satisfying the required prerequisites, the Mathematics Department will drop you from the class AFTER the last day for add/drop has passed, at which time, you will not be able to add another course. It is your responsibility to provide appropriate documentation for satisfying prerequisites and to check that the corresponding documentation has been entered in the MU system.”

Sections covered: From Boyce and DiPrima, we plan to cover sections 2.1-2.3, 2.6, 3.1-3.9, 6.1-6.6, 2.7, and 8.1 (and 8.2 if time allows). We will cover most or all of the Planar Systems booklet.

Attendance: It is the student’s responsibility to attend classes. You are responsible for any announcements made in class. A student with very poor attendance may be withdrawn from the class (with an F if after the drop date).

Class participation & feedback: Class participation is strongly encouraged- it will make class more interesting and helpful for you. I welcome your constructive comments about how the course can be improved.

Grading questions: If you feel that your exam, quiz, or homework has been misgraded, please bring it to my attention within one week of the day the exams (quizzes/homework) were returned to the class.

Web Resources: I plan to post my syllabus, homework assignments, and old exams on my 4100 page: http://www.math.missouri.edu/~tjc/4100.html. Generally, solutions (for quizzes, exams) will be posted on the library’s electronic reserve system: http://eres.missouri.edu, search for math 4100 or me. My page has a direct link to the electronic reserves page for our class.

Academic Honesty: Any work which you submit for a grade must be your own. When you have doubts about what collaboration is allowed, consult me.

University Statement: “Academic honesty is fundamental to the activities and principles of a university. All members of the academic community must be confident that each person’s work has been responsibly and honorably acquired, developed, and presented. Any effort to gain an advantage not given to all students is dishonest whether or not the effort is successful. The academic community regards academic dishonesty as an extremely serious matter, with serious consequences that range from probation to expulsion. When in doubt about plagiarism, paraphrasing, quoting, or collaboration, consult the course instructor.”

From our department: "If cheating is suspected on any course work or examina-
tion, the instructor will follow all procedures allowed by the MU faculty regulations, including the reporting of the incident to the Provost Office and the possibility of submitting a grade of F in the course.”

Further information may be found at http://provost.missouri.edu/academic-integrity.html and http://www.missouri.edu/mufcwww/facultyhandbook/acreg/art6.htm.

ADA: “If you need accommodations because of a disability, if you have emergency medical information to share with me, or if you need special arrangements in case the building must be evacuated, please inform me immediately. Please see me privately after class, or at my office. To request academic accommodations (for example, a note taker), students must also register with Disability Services (http://web.missouri.edu/accesscm), S5 Memorial Union, 882-4696 or 882-8054 TTY. It is the campus office responsible for reviewing documentation provided by students requesting academic accommodations, and for accommodations planning in cooperation with students and instructors, as needed and consistent with course requirements. Another resource, MU’s Adaptive Computing Technology Center (http://iatservices.missouri.edu/adaptive), 884-2828, is available to provide computing assistance to students with disabilities. For more information about the rights of people with disabilities, please see ada.missouri.edu or call 884-7278.”

Miscellaneous:

Cell phones should be turned off during class.

You must show your work on exams, quizzes, and homework. Unsupported answers may get no credit, as may the correct answer arrived at by an incorrect or incomplete method. However, in general partial credit is possible for a correct method with minor mistakes.

You will not be allowed to use calculators during quizzes or exams.

If you have any problem with this course, please report it to the course coordinator, Professor Carmen Chicone (882-6331, carmen@math.missouri.edu) or Professor Konstantin Makarov (Director of Undergraduate Studies, 882-4898, makarov@math.missouri.edu) either by phone or by e-mail.