

Differential Equations Summer 2015 Missouri S&T

Math 3304 Section A

- Instructor:** Tom Cuchta (call me Tom)
- Time:** 11:30AM-12:30PM
- Location:** Schrenk Hall 126
- E-mail:** tcvh5@mst.edu
- Instructor Schedule:** See my website (<http://tomcuchta.com>) - my schedule is subject to change at any time (including office hours)
- Office:** Rolla Building 306
- Textbook:** "Elementary Differential Equations" by Boyce & DiPrima (9th edition)
ISBN: 9780470039403
- Calculator policy:** Calculators will *not* be permitted on exams. I recommend that you do as much hand-calculation on your homework as possible.
- Homework:** Homework due dates are posted in the calendar at the end of the syllabus. The contents of each assignment will be mentioned in class and also posted on the class webpage. Each homework assignment is worth 10 points. For each assignment, two problems will be randomly chosen and graded for correctness. Each problem I grade will be worth 4 points each. Two points will be given for overall completeness of the assignment. I will accept homework up to 5 class days late, but each late day will cost you two points of its total possible score. The official first collection time of homework is "by the end of class" on the day that it is due according to the schedule. I will accept homework in class, in my mailbox, or by e-mail (PDF format, please! NO WORD DOCUMENTS). Your three lowest homework scores will be dropped.
Note: homework due dates are subject to change as necessary, but the most recent schedule will always be available on the class webpage
- Attendance policy:** Your attendance to class will not be recorded and will not count for any grade. You are solely responsible to find out what you missed on days that you are absent.
- Exams:** There will be three one hour exams and a final exam. Each regular exam is worth 140 points and the final is worth 280. The final exam will include both new material and material from the previous exams.
Your final exam score may replace **one** of your previous exam scores, if it helps your grade.
- Extra credit policy:** There will be no extra credit available.
- Grading:** Submitted work is expected to be neatly written and final answers should be marked clearly. Answers that are not justified by work may not receive credit. Please double check that I have made no mistakes in grading your work. You have one week from the time I pass anything out to let me know that I have made an error and also get points back for it.
- You can calculate your grade by computing the total possible points you have earned and divide it by the total points possible at that time.
Your final grade will be determined by comparison to the standard scale:
A: 747.0 – 840 points
B: 664 – 746.999 points
C: 581.0 – 663.999 points
D: 498 – 580.999 points
F: 0 – 497.999 points
- The grade of D is not available to graduate students — they will receive an F instead of a D.
- It is possible that this scale may be altered, but it will never be changed in a way that can harm your grade.

Course description

First order differential equations and linear differential equations of higher order are studied. The Laplace transform and systems of linear equations as well as selected physical applications are covered.

Useful links

My webpage (<http://tomcuchta.com>)

Class webpage

Summer 2015 academic dates and deadlines

Summer 2015 Final Exam Schedule

Disability Support

Students with a documented disability who anticipate needing accommodations in this course are strongly encouraged to meet with their instructor early in the semester. These students will need to request that the

Disability Service staff (located in 203 Norwood Hall, phone 341-6655, email dss@mst.edu, also see <http://dss.mst.edu/> for more information) provides a letter that can be presented by the student to the instructor. This letter verifies the disability status and specifies the accommodation(s) that are requested. This letter must be presented to the instructor by the student before any accommodations can be arranged and within a reasonable amount of time prior to the accommodations being needed. Per policy, any accommodations involving the Testing Center require a one week notice prior to the day of the exam to ensure availability and proper scheduling.

Emergency exit procedures

All students should familiarize themselves with classroom exit procedures. Adjacent to each classroom entrance is a floor plan that shows students how to exit the building in the event of an emergency. Please see the classroom egress maps at <http://designconstruction.mst.edu/floorplan/>.

Academic dishonesty

The Missouri S&T regulations concerning academic dishonesty are found on page 29 of the Missouri S&T Student Academic Regulations handbook. It is each student's responsibility to be aware of these regulations.

Questions and problems

Please ask me any questions or problems pertaining to the course that you have. If I cannot resolve your issue to your satisfaction, then please speak to Dr. David Grow (grow@mst.edu). If he cannot resolve the issue to your satisfaction, then please speak to the Department Chair of Mathematics and Statistics, Dr. Stephen Clark (sclark@mst.edu).

Course Schedule

MON	TUE	WED	THURS	FRI
June 8th	9th	10th <i>HW 1 Due</i>	11th	12th <i>HW 2 Due</i>
15th	16th <i>HW 3 Due</i>	17th	18th <i>Review day</i> <i>HW 4 Due</i>	19th EXAM 1
22nd	23rd <i>HW 5 Due</i>	24th	25th <i>HW 6 Due</i>	26th
29th <i>HW 7 Due</i>	30th	July 1st <i>HW 8 Due</i> <i>Review day</i>	2nd EXAM 2	3rd <i>NO CLASS</i> (Independence Day weekend)
6th	7th <i>HW 9 Due</i>	8th	9th <i>HW 10 Due</i>	10th
13th <i>HW 11 Due</i>	14th	15th <i>HW 12 Due</i>	16th <i>Review day</i>	17th <i>HW 13 Due</i> EXAM 3
20th	21st	22nd <i>HW 14 Due</i>	23rd	24th <i>HW 15 Due</i>
27th	28th <i>HW 16 Due</i>	29th <i>Last day of class</i>	30th FINAL EXAM	31st

FINAL EXAM: Thursday 30 July 2015, 10:30AM-12:30PM