

PRELIM – MATH 336, SPRING 2008 – PRELIM

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Office Hours: MWF 10.15 – 11.15 am.

MIDTERM EXAMS: F 9/19, 10/24, 11/21; **FINAL EXAM:** T 12/9, 8:00-9:50 am

Course web-page: <http://www.math.niu.edu/~krishtal/MA336F08/syl336.pdf>

EXAMS: Three in-semester in-class exams will be given on/around the dates above. The final exam is on 12/9. Location of the final exam will be posted later. Note that attendance at these exams is mandatory, and no alternate dates are available. Except in cases of (verifiable) emergencies you must notify me in advance if an exam is going to be missed. Students eligible to take exam at CAAR office should notify me in advance if they wish to do so and follow the standard procedure. **ONLY SCIENTIFIC CALCULATORS** are permitted on an exam.

HOMEWORK: Homework will generally be assigned on Friday and will be due the following Friday (unless stated otherwise). No late homework will be accepted. If no quiz is given, you must submit all the assigned homework. Only selected problems will be graded. The assignment is available below.

QUIZZES: Quizzes may be given on Friday except for those coinciding with a holiday or a scheduled exam. If a quiz is given, the corresponding homework will not be collected. All quizzes will be based **DIRECTLY** on the assigned homework. Solutions to quizzes will be available via Blackboard.

ATTENDANCE: Attendance matters. I will not take it in class; **HOWEVER**, if I see it falling to levels which would harm the overall performance of the class, I reserve the right to administer (additional) **SURPRISE** quizzes at any time during the semester.

GRADING: Course grades will be based on a total of 600 points, among which 100 points are for quizzes and homework, 300 points for three midterm exams (100 each), and 200 points for the **comprehensive** final exam. The final quiz-homework grade will be the average of your 10 best quizzes and homework assignments. You may be given some extra credit opportunities as the semester progresses. Numerical grades will be converted to letter grades according to the overall performance of the class. There will be no negative curves.

RULES: I urge you to exercise respect towards your peers and instructor and refrain from any activities in class which would impede the learning process. Those include (but are not limited to) using cell phones and similar electronic devices, eating, drinking, bringing kids and pets in class, etc. If you absolutely need to have your cell phone on, please, leave it on **VIBE**, otherwise keep it off.

TEXT BOOK: Elementary Differential Equations with Applications by Edwards and Penny (6th ed.), Prentice-Hall.

TENTATIVE SCHEDULE:

WEEK	SECTIONS	WEEK	SECTIONS	WEEK	SECTIONS
1	1.1, 1.2	6	6.1, 6.2, 6.3	11	4.1, 4.2
2	1.4, 1.5	7	2.1, 2.2	12	4.3, 4.4
3	1.6	8	2.3, 2.5	13	4.5, T3(?)
4	1.3, T1(?)	9	2.5, T2(?)	14	5.1
5	1.7, 1.8	10	2.4, 2.6	15	5.2, 5.3, Review

September 1 (Monday) in the 2nd week is a holiday, the Thanksgiving Break (from November 26, Wednesday, to November 28, Friday) occurs in the 14th week.

HOMEWORK PROBLEMS:

1.1: 8, 15, 19, 24, 28, 31, 35, 39

1.2: 5, 9, 25, 30, 33, 39

1.4: 9, 11, 15, 17, 23, 26, 27, 29, 31, 35, 43, 46

1.5: 5, 9, 15, 17, 21, 23, 25, 27, 33, 37, 39

1.6: 3, 9, 13, 18, 19, 23, 27, 32, 34, 36, 38, 66

1.3: 13, 17, 18, 27, 29

1.7: 6, 7, 13, 14, 23, 30

1.8: 2, 3, 4, 9, 10, 15

6.1: 1, 4, 6

6.2: 1, 4, 6

6.3: 1, 4, 6

2.1: 7, 11, 13, 17, 19, 20, 22, 24, 29, 31, 32

2.2: 2, 4, 6, 9, 11, 15, 17, 22, 24

2.3: 1, 2, 4, 5, 9, 13, 15, 22, 25, 28, 32, 34

2.5: 5, 9, 13, 21, 23, 26, 32, 34, 35, 38, 39, 49, 51, 54, 55, 58, 62

2.4: 2, 4, 15, 17, 18, 20 – do not graph anything;

2.6: 1, 6, 8, 11, 19, 24 – do not graph anything; just solve the equations/IVPs

4.1: 13, 16, 19, 20, 26, 28, 30, 32

4.2: 3, 6, 8, 18, 20, 22

4.3: 1, 3, 6, 8, 12, 14, 18, 27

4.4: 1, 2, 3, 6, 8, 11

4.5: 1, 3, 6, 8, 12, 14, 20, 31

5.1: 1, 2, 6, 8, 14, 18

5.2: 1, 2, 4, 8, 11

5.3: 3, 4, 6, 11, 14, 18, 21, 25