MTH 267 Differential Equations Syllabus
Lecture

INSTRUCTOR INFORMATION

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Office hours: https://www.nr.edu/chalmeta/schedule.html
Office hours zoom: https://vccs.zoom.us/j/84388417918

INSTRUCTIONAL MATERIALS

Textbook: W. Kohler and L. Johnson, Elementary Differential Equations with Boundary Value Problems, 2nd Edition
Calculator: Almost any
Software: MyOpenMath Online Homework: https://www.myopenmath.com/
                 Octave (any version) or other software to carry out numerical calculations.
Course ID: tba
Enrollment key: tba

GRADING/EVALUATION
A student's final grade is determined through a variety of assessments

Grading Criteria			Last date to complete test:	
MyOpenMath Homework	15%		Test 1	TBA
MyOpenMath Quizzes	10%		Test 2	TBA
Three (3) Tests	55%		Test 3	TBA
Final Exam (Proctored)	20%		Final Exam	TBA

Tests. There will be three (3) tests given during the semester. There will be no make up tests. Any missed test will receive the score of "0". See Final Exam below. Tests are administered in a proctored environment with paper and pencil. You can take them in the testing center or request a proctor if you don't live nearby.

Final Exam. There will be one comprehensive final given during finals week. The score on the final can also be used to replace the lowest test score (including any missed test.)

HOMEWORK

Giving your best effort on homework is the single best thing you can do to help you learn mathematics. As such, the homework will be submitted through the MyOpenMath software and will count for a significant portion of the grade. (13%) The homework is due the day before the test with the same material. There are additional homework problems in the textbook that are not collected for a grade but you are still responsible for knowing how to complete them. Some are duplicated in the software but many are not.

QUIZZES

There are quizzes in the [MyOpenMath](#) software and will count for 10% of the grade. The quiz questions are very similar to the homework questions but you will not have only 2 attempts to complete them.

CALCULATOR:

A scientific calculator is recommended. If you own a calculator do not buy a new one. If you do not own a calculator don't spend a lot of money on one. I recommend the TI-30X IIS calculator.

EMAIL POLICY

If you send me an e-mail always use your NRCC issued email address. Be sure that your email client includes your name in the header. You should always include a descriptive subject line that includes the course number. Please remember to use complete sentences and follow the rules of grammar.   The [Purdue OWL website (click)](#) has excellent information about creating a professional email. I communicate through email to your NRCC issued address. I WILL NOT be replying to email that does not conform to these requirements. I do reply to email within 24 hours during the week. Weekends may be longer.
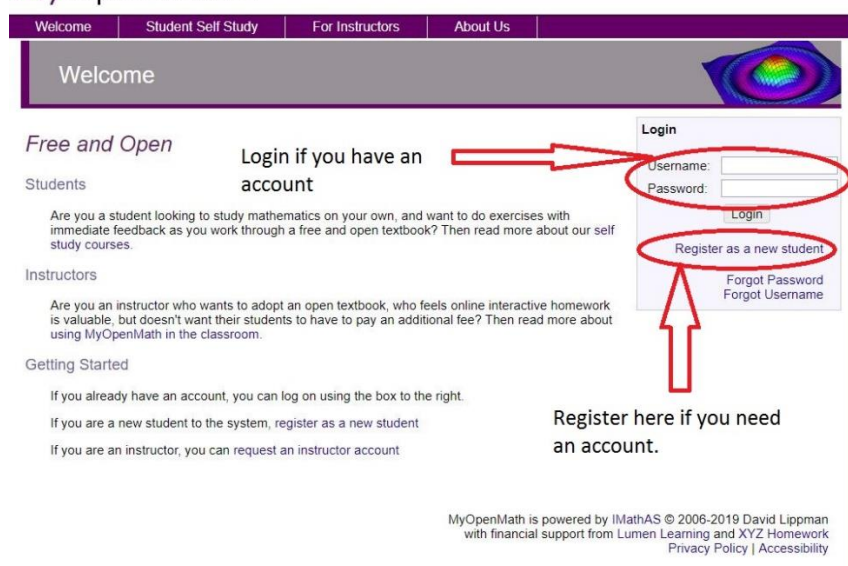
MYOPENMATH STUDENT REGISTRATION:

1. Enter https://www.myopenmath.com/ in your Web Browser.

2a. If you already have an account, you can log on and go to "enroll in a new class".

2b. If you are a new student to the system, register as a new student

3. Enter the course information. Enter your **Course ID** and **Enrollment Key** exactly as provided by your instructor (See Page 1) and click "**Submit**". *Your course information should appear. If not, contact your instructor to verify the correct Course ID.*

4. Verify that you are in the right class by returning the main page.

Chapter	Section	Homework Problems
Chapter 1	1.2	4, 9, 15, 16, 17, 19, 23
(2 lessons)	1.3	1, 2, 4, 14-19

Chapter	Section	Homework Problems
Chapter 2	2.01	1-10, 13, 14, 15
(10 lessons)	2.02	1, 4, 6, 12, 15, 18, 19, 21, 26, 28, 29, 32, 36, 40
	2.03	1, 3, 4, 11, 13, 14
	2.04	5, 7, 8, 13, 15
	2.05	5 - 8, 11
	2.06	2, 5, 9, 15, 27, 30
	2.09	1, 2, 4, 11, 12
	2.10	1, 2, 3, 12
Test 1	Chapter 1 and 2	

Chapter	Section	Homework Problems
Chapter 3	3.01	3, 11, 13
(13 lessons)	3.02	1, 2, 3, 4, 10, 15, 16, 19
	3.03	1, 2, 3, 7, 13, 18
	3.04	1, 2, 3, 6, 9, 14, 15
	3.05	1, 3, 5, 6, 12, 22, 26
	3.06	2, 3, 8, 12
	3.07	1, 6, 10
	3.08	1, 3, 4, 5, 14, 16, 17, 19, 41
	3.09	1, 2, 3, 9, 16
	3.10	1, 4, 7, 13
	3.11	3, 7, 18, 20
	3.12	1, 2, 3, 5, 6, 8, 17
Test 2	Chapter 3	

Chapter	Section	Homework Problems
Chapter 5	5.01	1 - 4, 7, 8, 11, 12, 17, 19, 21, 23, 35, 37, 39
(14 lessons)	5.02	1, 3, 5, 7, 9, 13, 15, 17, 25, 26, 27, 29, 39, 42, 45
	5.03	1, 3, 5, 9, 10, 11, 13, 19, 21, 23
	5.04	1, 5, 8, 10, 11, 13, 14, 15, 24, 25, 26
	5.06	3, 4, 5, 7
	5.07	1 (a),(b), 13, 15, 17
Test 3	Chapter 5	