MTH 267 Differential Equations Syllabus
10 Week Spring 2022

INSTRUCTOR INFORMATION

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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: 137444
Enrollment key: mth267

GRADING/EVALUATION

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

Grading Criteria	
MyOpenMath Homework	15%
MyOpenMath Quizzes	10%
Three (3) Tests (paper)	55%
Final Exam	20%

Last date to complete test:	
Test 1	March 21
Test 2	April 11
Test 3	May 4
Final Exam	May 6

Introductory Quiz: You must take the introductory quiz in Canvas by the end of the first week or you will be withdrawn for non-participation in the course.

Tests.

1. There will be three (3) tests administered through the MyOpenMath homework software.
2. You must take the tests in a proctored environment such as our testing centers.
3. You may bring one 3 x 5 inch index card to the test. You MAY NOT leave with your index card after the test. If you want to a copy you must make one for yourself BEFORE walking into the testing center.
4. You will have 90 minutes to complete the test.
5. You may use a calculator but you **MAY NOT** use any of the symbolic abilities your calculator may have. This includes but is not limited to graphing and solving of equations of any type.

6. There will be no make-up tests. Any missed test will receive the score of "0". See Final Exam below.
7. Tests may be taken early.
8. *The average on all tests will count as 55% of the course grade*

Final Exam. There will be one comprehensive final given the last day of class. The score on the final will replace the lowest test score (including any missed test) if that will improve your final average. Testing procedures are the same for final as for the tests except you have 120 minutes to complete the final. *The final will count as at least 20% of the course grade*.

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. (15%) 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.

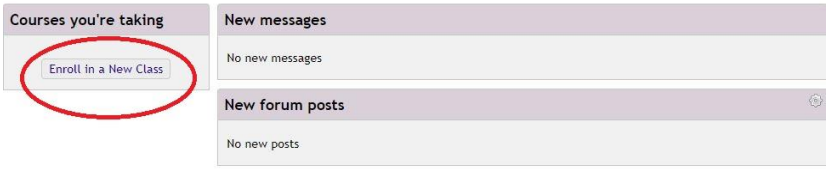
EMAIL POLICY

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.

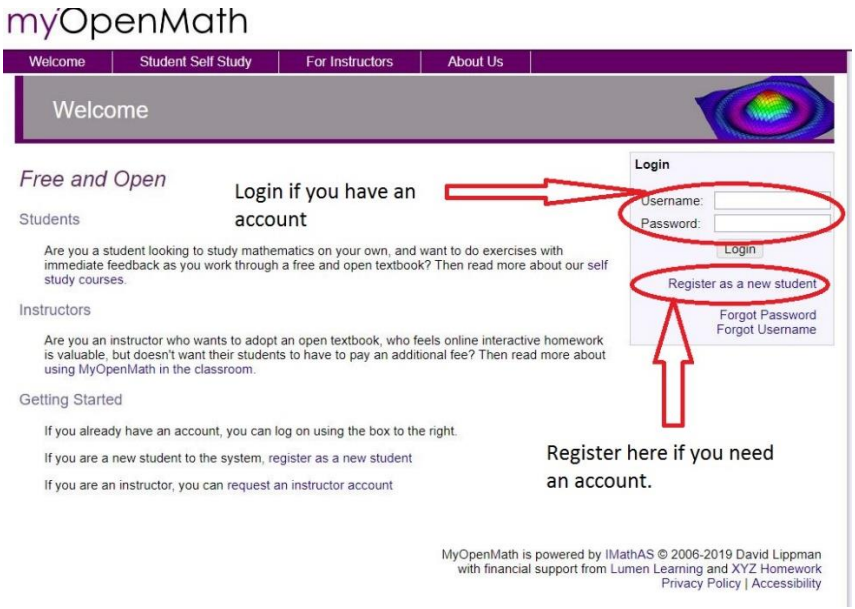
MYOPENMATH STUDENT REGISTRATION:

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

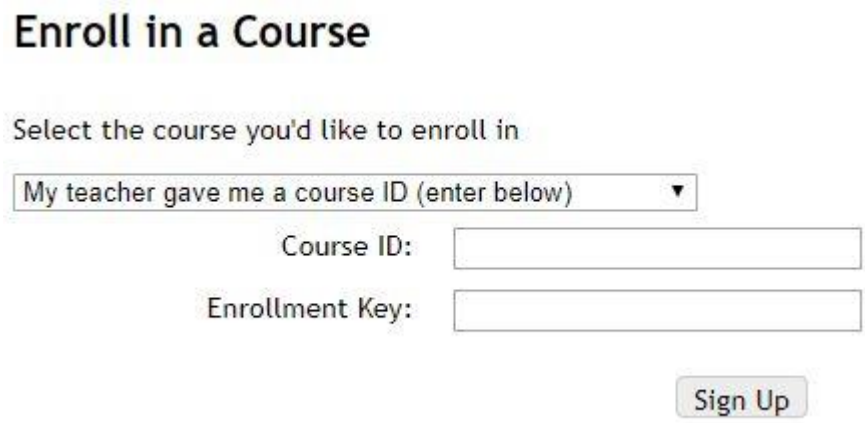
2a. If you already have an account, you can log on and go to "enroll in a new class".



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 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 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 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	