Course Syllabus - Spring 2020
MTH 107-01: Introduction to Finite Mathematics

Instructor: Eric Peterson
Class Meeting Times: MWF 2:00 - 2:50pm
Classroom: Quinn Auditorium

Office: Lippitt 102G (Africana Studies wing)  
Office Hours: Check Sakai (or by appointment!)

Email: epeterson11492@my.uri.edu

Sakai: https://sakai.uri.edu/

The Sakai site for this course will contain lecture notes, grades, administrative announcements, and other important resources (such as solutions). Check it often!

Course Content: MTH 107 is a special topics course that satisfies the general education requirement for math at the University of Rhode Island. This course is designed for students who do NOT have precalculus or calculus requirements in their program of study. MTH 107 covers the following concepts of modern mathematics: logic, sets and operations on sets, elements of combinatorics, probability and statistics. My ultimate goal with this course is help you understand and appreciate the ability to think mathematically and logically. This is an essential skill for any field of work, whether you believe me or not!

General Education Areas: MTH 107 is a General Education course. The general education areas satisfied by MTH 107 are:

   A1  Scientific, Technology, Engineering, and Mathematical Disciplines (STEM).
   B3  Mathematical, Statistical, or Computational Strategies (MSC).

Textbook (Suggested): The textbook this course uses is Mathematics: A Practical Odyssey (University of Rhode Island Edition) by Johnson and Mowry. It is NOT REQUIRED to purchase the textbook. I will be providing you with lecture material and practice problems based on the book, so there is no need for you to have a copy of the textbook (but I will not stop you from purchasing it if you choose to).

Calculators: You may use a basic 4 or 6 function calculator. There are NO scientific or graphing calculators allowed in this course!

Attendance Policy: I will be keeping attendance via Socrative and fully expect you to attend every single class. Legitimate absences where appropriate documentation (e.g. note from Health Center) is provided will be acknowledged accordingly.
Evaluation: The course grade will be based on regularly assigned practice problems on Socrative, worksheets, three midterm exams, and a final exam.

- Socrative Practice Problems: 20%
- Worksheets: 30%
- Midterm Exams: 10% each (30% total)
- Final Exam: 20%

Scores will be posted in the Sakai gradebook.

A rough guideline for grading is as follows:

<table>
<thead>
<tr>
<th>Grade</th>
<th>Percentage Range</th>
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<tbody>
<tr>
<td>A</td>
<td>93.00% and above</td>
</tr>
<tr>
<td>A-</td>
<td>90.00% - 92.99%</td>
</tr>
<tr>
<td>B+</td>
<td>87.00% - 89.99%</td>
</tr>
<tr>
<td>B</td>
<td>83.00% - 86.99%</td>
</tr>
<tr>
<td>B-</td>
<td>80.00% - 82.99%</td>
</tr>
<tr>
<td>C+</td>
<td>77.00% - 79.99%</td>
</tr>
<tr>
<td>C</td>
<td>73.00% - 76.99%</td>
</tr>
<tr>
<td>C-</td>
<td>70.00% - 72.99%</td>
</tr>
<tr>
<td>D+</td>
<td>67.00% - 69.99%</td>
</tr>
<tr>
<td>D</td>
<td>60.00% - 66.99%</td>
</tr>
<tr>
<td>F</td>
<td>59.99% and below</td>
</tr>
</tbody>
</table>

If you have any questions about the grading of a particular assignment, please let me know.

Socrative Practice Problems: We will be using the application Socrative for the completion of practice problems in class as well as a means of taking attendance. For more information on how to log in to Socrative and use the application, please see the information sheet on Sakai. Socrative problems are graded automatically and solutions will be provided by the instructor.

Worksheets: These will be assigned regularly either in class or to be completed as homework. Each worksheet will be graded and returned to you as a way so that you can obtain written feedback on your progress throughout the course. You may work with your fellow classmates on worksheets, but the work you submit must always be your own.

Midterm Exams: There will be three midterm exams given throughout the semester in class (see the Course Calendar for approximate dates). Exams are closed notes, closed book, closed instructor, and closed classmate. You may use your 4 or 6 function calculator on exams.

Final Exam: There will be a comprehensive final exam given during finals week (TBD by Enrollment Services). More information will be provided later on in the semester.

Academic Integrity: Cheating is prohibited in all aspects of the course and will result in severe consequences. Cheating includes but is not limited to: communication with other students during an exam, reading another student’s written work during an exam, and copying another student’s homework assignment.

Academic Accommodations: If you require academic accommodations and have documentation from Disability Services (874-2098), please get in touch with me as soon as possible.
Classroom Conduct: The classroom is a place for learning. While you are in class, I expect you to remain focused on the course material, and also to maintain an environment in which other students can do the same. In particular:

- Laptops and tablets can be useful for taking notes, but they can also be major distractions. Avoid the temptation to screw around on the Internet during class! This is distracting not only to you, but also to other students sitting nearby. TikTok and Instagram will still be around after class is over.

- All in-class discussion should pertain to the course material as off-topic chatter can be distracting to other students. Be respectful of your fellow students (and of me)!

Office Hours / Email: I will remind you over the course of the semester to utilize my office hours and email to the fullest of your advantage! My goal is to help you understand the course material to the best of my ability. I am very welcoming of any questions you may have over email or in person and will do my best to answer them. If you feel you are struggling in this course, please contact me sooner rather than later!

Tutoring: In addition to my office hours, the Academic Enhancement Center (www.uri.edu/aec) is a walk-in tutoring center that provides free support for this course (or any math course up to MTH 243). The AEC is a great environment for reviewing material with classmates and preparing for exams, as there are tutors available to help with any questions you might have. Before you visit, please make sure you check out the online tutoring schedule and check that a tutor that can help with MTH 107 is available at the time you plan on going.

Important Dates:

- **Open Add Period:** Wednesday, 1/22 - Tuesday, 1/28
- **Open Drop Period:** Wednesday, 1/22 - Wednesday, 2/12 (no mark on transcript)
- **Late Withdrawal Period:** Thursday, 2/13 - Wednesday, 3/4 (“W” on transcript)

A course may be dropped by official procedures determined by the Office of Enrollment Services (e-Campus) on or before the end of the third week of classes (Open Drop Period) with no mark on a student’s transcript. Courses may be dropped through e-Campus between the fourth and end of the sixth week of classes (Late Withdrawal Period) and will be recognized on a student’s transcript with a “W.”

After the end of the Late Withdrawal Period, a student may drop a course only in exceptional circumstances with authorization of the dean of the college in which the student is enrolled. Such drops will also be recognized on a student’s transcript with a “W.” If the student has not dropped a course by the end of the withdrawal period, the instructor must submit a grade.