University of Rhode Island

MTH 103X - Applied Precalculus

Summer 2017

Instructor/Course

Name/email: Chad Estabrooks, estabrooksc@uri.edu
Office hours: M T W Th 9-10 AM in Lippit 102E
Title/section: Applied Precalculus, 1000
Time/place: M T W Th 10-11:45 AM, Swan 205

Description

The language of science is mathematics, and functions and modeling are an indispensable part of science, technology, engineering, and other fields. MTH103X is intended for students in life sciences and any other areas where applications of mathematics are important. This course will make precise and deepen your understanding of fundamental concepts such as algebraic expressions, equations, graphs, functions, and modeling. You will apply these concepts to problems in the physical and biological sciences involving change, motion, and growth. You will also receive an introduction to exponential, logarithmic, and periodic functions and their applications. At the end of the semester you will be able to calculate with and apply these concepts and methods, including functions that are linear, quadratic, exponential, logarithmic and periodic. You will become comfortable working with algebraic expressions in the context of real life applications.

Materials

Calculators: A graphing calculator is required.

Format

At the start of each class, we will have a quiz covering the material from the previous class. There will be two in class exams, and a final exam. Homework assignments will be posted through Wiley Plus. You can find the Wiley link for the course on Sakai. There will be no extension of homework due dates for any reason.
Exam Policies

Nothing will be on your desk other than pencils, erasers, and a calculator from the time the exam is being handed out. No cellphones, MP3 players, or electronic devices other than a calculator may be used or even accessible to you at any time during the exam. Any student found with any cellphone or electronic device for ANY REASON during an exam is cheating. A smart phone or other similar device is not a calculator. You may not ask any questions during the exam; understanding the questions is a part of the exam. If you think there is a typo or error, do the best that you can with the given information. You are advised to bring multiple pencils to the exams, just in case. Do NOT use a pen. Makeup exams may be scheduled in the event you are unable to attend the in class exams under the following conditions. If your reason for missing the exam as scheduled is a University sanctioned event for which verifiable documentation can be provided, or you MUST INFORM YOUR INSTRUCTOR 48 HOURS IN ADVANCE OF THE EXAM AND PROVIDE DOCUMENTATION. Such events are scheduled in advance, so you must provide advanced notice to your instructor in order to have a makeup exam. Failure to provide this advanced notice will result in a grade of 0 for the exam. No exceptions. Makeup exams must be scheduled after the actual exam, and preferably before the class period when exams are to be handed back, but no later than two class days (excluding weekends and holidays) after the actual exam. If the reason for missing the exam as scheduled is due to: (i) illness (with verifiable documentation from a medical provider), or (ii) an emergency (with appropriate documentation) then you MUST INFORM YOUR INSTRUCTOR WITHIN 24 HOURS OF THE EXAM and provide documentation upon your return. Failure to notify your instructor within 24 hours will result in a 0 for the exam. No exceptions. Makeup exams may be scheduled no later than two class days (excluding weekends and holidays) after the actual exam, unless the illness or emergency precludes this, in which case the makeup exam will be given on a common date during the last few weeks of the semester. If your circumstances do not meet either of the above (no documentation, a non-emergency excuse without sufficient notice, etc.), then you will receive a zero for the missed exam. No exceptions.

Support

This is a challenging course. Success requires that you keep pace with the work, understand course concepts, and study effectively. In addition to my office hours, the mathematics department provides tutoring during summer sessions Monday through Thursday from 10 AM to 2 PM in Lippit Hall, room 201.
Online Homework

We will be using WileyPLUS online homework system in this course. To sign up for the WileyPLUS system, you will need a WileyPLUS registration code. If you buy a copy of our textbook at the URI Bookstore, a registration code for WileyPLUS will be included with the book at no additional cost. If you buy a copy of our textbook somewhere else and it does not include WileyPLUS code, you will need to purchase a WileyPLUS code separately from the WileyPLUS site. A code purchased separately gives you access to an electronic version of the textbook, so it is a cheaper option to consider. The WileyPLUS website contains instructions, tutorials, technical support etc. Once you have a code you can register by going to the WileyPLUS site and using the course code 580601, or you can follow the link posted on Sakai.

Disability Statement

Any student with a documented disability is welcome to contact me as early in the semester as possible so that we may arrange reasonable accommodations. As part of this process, please be in touch with Disability Services for Students Office at 330 Memorial Union, 401-874-2098 (http://www.uri.edu/disability/dss/)

Final Course Evaluation

Cumulative Final Exam: 150 points
Daily Quizzes: 5 points each
In class Exams: 100 points each
Homework: 100 points total

Your final percentage will be calculated by points earned divided by points possible times 100. Letter grades will be assigned based on the following scale:

A [92 - 100], A- [90 - 92], B+ [87 - 90], B [82 - 87], B- [80 - 82], C+ [77 - 80], C [72 - 77], C- [70 - 72], D+ [67 - 70], D [60 - 67], F [0 - 60]

Please note that you get one and only one opportunity to earn each and every point throughout the semester. There will be no extra credit, or opportunity to raise a poor grade after the fact.