

MATH 3339-16151
Spring 2017
Syllabus

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Welcome to Math 3339. The prerequisite for this course is Math 1432: Calculus II. It is a serious prerequisite. A course in probability is not a prerequisite.

The book is provided online in pdf form. To access it you have to have an account with CASA, obtainable at:

www.casa.uh.edu

You also must have an access code, which you can purchase at the UH Bookstore or online. To do so, go to the main UH webpage

www.uh.edu

In the “Quick Links” at the bottom of the page, select “Bookstore”. On the “TEXTBOOKS” tab of the next page, click on TEXTBOOKS > FIND TEXTBOOKS and then fill in the form on the following page. Be sure you enter the correct section number 16151. If you order your access code online it will be mailed to you.

Your semester grade will be based on the average of 4 components:

- Two one-hour exams.
- Homework and weekly quizzes.
- The final exam.

These components will be equally weighted in your semester average. Letter grades correspond to semester averages as follows.

88 or above: A- or A

77-87: B-, B, or B+

66-76: C-, C, or C+

55-65: D-, D, or D+

Below 55: F

You get a + or – with your grade if your average falls within two points of the dividing line. For example, a 78 is a B-, an 86 is a B+.

You must have a CASA account for weekly quizzes. If you do not already have a CASA account, you can create one at

<http://www.uh.edu/casa/>

Exams will not be administered in CASA/Courseware. Instead, they will be given in the classroom. I will announce the dates of the exams at least two weeks ahead of time.

There are no makeup exams. The final exam will replace the lowest of the other components of your grade (thus counting twice) if it improves your average.

Many of the homework problems and examples in the book involve the use of a free data analysis package called R. R can be downloaded at

<http://www.r-project.org/> .

RStudio is another free package that greatly facilitates the use of R. You can download it at

<http://www.rstudio.com> .

You will be required to use R. Explicit instructions on how to use it will be provided.

Homework will be taken up in class and graded. Homework submissions may be handwritten, although I prefer printed output. Output from R and R studio must be printed. Homework must be neat and well organized. Points may be deducted if it is not.

I hope you enjoy the course.