

# Algebra And Calculus

## Spring 2017

**Instructor:** Erli Wind-Andersen

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**Book:** *Precalculus 7<sup>th</sup> edition* by Stewart, et al.

### Exams:

There will exams on **Thurs, March 9<sup>th</sup>**, **Thurs, April 13<sup>th</sup>** and a Final exam during finals week (**5/11-5/17**), time TBD.

### Recitations:

Recitations begin the week of February 1<sup>st</sup>.

Section 2 - Harrison Hsu, Fridays 11:00-12:15 in GCASL 369

Section 3 - Harrison Hsu, Fridays 12:30-1:45 in 194M 307

Section 4 - Gyuhak Kim, Fridays 11:00-12:15 in Tisch LC11

Section 5 - Gyuhak Kim, Fridays 12:30-1:45 in Meyer 261

### Description:

This course covers the mathematical knowledge prerequisite to taking a course in Calculus. We will cover functions and the families of elementary functions (polynomials, exponents and logarithms, trigonometric functions), equations, systems of equations, inequalities, and methods in algebra.

### Work and Grading:

There are 3 exams, weekly homework, webassign, and quizzes. Making up exams will require a verified medical or religious reason, or military service. Homework will be turned into recitation. Quizzes will be weekly and take place in recitation. Webassign will be due electronically on Sundays and Wednesdays. To access WebAssign: <https://www.webassign.net/nyu/login.html>. There is no class key, your initial user and password are your net id. The lowest HW, lowest 3 quizzes, and lowest 8 webassigns will be dropped.

### Homework Policy:

Problem sets will arrive in an email. The following procedures will help you organize your thoughts and help the grader evaluate your work. Points will be deducted for failing to meet any of the following criteria.

- Homework will be hand written (or typed, if you're up to it!) on blank letter (8.5 by 11) paper,
- be STAPLED, and, if torn from a notebook, be without fringes.
- Your name and the date are to be given at the top right corner of the page.
- Each problem/solution should stand on its own. The problem at hand should be numbered and stated clearly, and the solution should follow in a logical and ordered fashion.

### Final Grade:

15% HW, 5% WebAssign, 15% Quiz, 20% Exam 1, 20% Exam 2, 25% Final

### Disability Statement:

Anyone with a documented disability is encouraged to contact the instructor privately and the Office of Disability Services within the first week of class.