

Math 2303 - Concepts in Algebra  
Fall 2009  
Syllabus

Math 2303  
Section: 25738  
Fall 2009  
Class Time: MWF 11:00 – 12:00  
Room: 205 SEC

Instructor: Dr. Mary Flagg  
Email: [mflagg@math.uh.edu](mailto:mflagg@math.uh.edu)  
Website: [www.math.uh.edu/~mflagg](http://www.math.uh.edu/~mflagg)  
Office: 609 PGH  
Office Hours: Monday and Wednesday from 12:30 – 2:20 in Mathlab or by appointment

Textbook: Free and Online at [www.math.uh.edu/~mflagg/2303\\_TEXT.html](http://www.math.uh.edu/~mflagg/2303_TEXT.html)

Objectives: Topics include the history of written numerals, systems of measurement, the real number field and its properties, basic number theory, expressions and equations, the definition of a function, linear and quadratic functions and an introduction to abstract algebraic systems. See the Course Outline on your teacher's website for more details.

Prerequisites: Students must demonstrate mastery of the material needed for academic success. Passing the Diagnostic Test with a score of 80% or higher on each section is the only way to do this. If a student scores below 80% on any one section, then the student is encouraged to learn that material to do better on the Diagnostic Makeup Test.

Diagnostic Test: The **Practice Diagnostic Test** will be available on your teacher's website at the beginning of the semester. The Diagnostic Test will be given in class during the first week of class. There are 5 sections to the test. You must score 80% on each of the sections or you will be required to remediate your knowledge base. There will be a second round of diagnostic testing after ORD; if you do not get 80% on the sections you missed on the earlier test, you will be dropped from the class.

Grading: Your final course grade will be computed by the following formula:

Diagnostic Test	08%	
Daily Activities	10%	
Weekly homework	14%	
4 tests during the semester	48%	(12% each)
Final	20%	

The University standard grade system will be used. If  $x$  is your semester numerical score\*:

<b>A</b>	$x > 93$	<b>B–</b>	$80 \leq x < 83$	<b>D+</b>	$67 \leq x < 69$
<b>A–</b>	$90 \leq x < 93$	<b>C+</b>	$77 \leq x < 80$	<b>D</b>	$63 \leq x < 67$
<b>B+</b>	$87 \leq x < 90$	<b>C</b>	$73 \leq x < 77$	<b>D–</b>	$60 \leq x < 63$
<b>B</b>	$83 \leq x < 87$	<b>C–</b>	$70 \leq x < 73$	<b>F</b>	Below 60

**Tests:** There will be 4 tests and a mandatory final in this class. The tests will be 50 minutes long and will be administered in the CASA Testing Center. See the course policies for complete details.

**Homework:** Homework will be assigned on a weekly basis and will be due AT THE BEGINNING of class on the due date in the Course Calendar. Homework should be worked on the homework form on your instructor's website and the pages should be stapled together. NO Late Homework will be accepted for any reason. Your 2 lowest homework scores will be dropped to allow for absences.

**Class Participation:** Attendance is an integral part of this course, and as such, each class day there will be a quiz, group project, or extra question to answer during the lecture. Grades will be based on completion and correctness at the discretion of the instructor. A total of 4 of these activity grades will be dropped to allow for excused absences.

**Final:** The final is mandatory and comprehensive. It will be given in our classroom at the time specified for finals in the Academic Calendar – Summer 2008 Final Schedule.

**Calculators:** You may use a non-graphing calculator for all material in this course except on the Diagnostic Test. You will use the online calculator on your CASA account for any tests administered at CASA testing center, personal calculators are not permitted in the testing center.

**Make-Up Tests** will not be given. If you miss a test, your final grade will substitute for that test grade.

The **Department Policies for Math 2303** on your instructor's website apply to all sections of Math 2303.

Help is available at

CASA Tutoring Center – 221 Garrison Gym  
Learning Support Services – 3<sup>rd</sup> Floor Social Work

Accommodations for testing will be made for those who require them. A student must provide the appropriate documentation at the beginning of the semester for alternate testing arrangements. No retroactive accommodations will be made.

Cheating will not be tolerated. You may work together on homework and the appropriate in class problems, but the written work you turn in must be your own.

I reserve the right to modify this syllabus as needed during the semester. Any changes will be announced in class and posted under Announcements on the class website.