Math 1111 (College Algebra) Syllabus; Summer 2005


**Instructor / Office:** Dr. Manuel Sanders, 277 UH  
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**Office Hours:** 9:30-11:00 M,T,W,R,F Additionally, please see the web page at the above URL for a link to my schedule which will be updated as necessary (also posted outside my office door).

<table>
<thead>
<tr>
<th>Grades: Rounded course percentages will earn grades according to the scale:</th>
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<tbody>
<tr>
<td>90-100</td>
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<td>80-89</td>
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<td>70-79</td>
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<td>60-69</td>
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<td>Below 60</td>
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**Grades will be based upon:**

- Homework: 10%
- Exams: 45%
- Final: 30%
- Quizzes: 15%

**Course Goals and Objectives:** Students will…

- become proficient with the coordinate plane and graphs of equations (with a particular emphasis on graphs of functions including exponential and logarithmic functions)
- obtain basic mathematical preparation in algebra so as to be successful in various other disciplines which utilize mathematical problem solving
- interpret the meaning and significance of computations that arise in the course from a holistic perspective
- become aware of the power and limitations of technology in mathematics
- solve applied mathematical problems

**Comment:** Understanding mathematics requires active participation and hands-on practice. It is important that you seek to understand the reasoning behind the manipulations of symbols that will occur in this course in order to do well. To do this, you must be conscious of the reasoning that is undertaken in any step-by-step method of problem solving.

**Notes and Procedures**

**Exams:**

The final exam is cumulative.  
See http://www.es.armstrong.edu/registrar/doc/finalexamschedule.pdf for a schedule of final exam times (also available as a link from my home page.)  
Regular exam dates will be announced as the course progresses, at least 1 week in advance. I anticipate 3 hourly exams (roughly evenly spaced throughout the term along with a final exam. I will substitute your final exam grade for your lowest regular exam grade (provided it works to your benefit) at the end of the semester.
**Quizzes:** Several quizzes will be given covering concepts from the homework and class during the term. Quizzes may be given at the beginning of each class period and will not be allowed to be ‘made-up’. Attendance and punctuality are, therefore, important. Other assignments (some of which will be graded) may be given and completed during class as well.

**Homework:** Homework will be assigned (almost) daily. I expect you to complete all homework exercises assigned in the course. Homework assignments may be used for grading purposes in various manners.

**Groupwork:** Be aware that some assignments may be group oriented and these assignments may be used for grading purposes.

**Attendance:** I expect to be in class everyday and on-time. I expect you will be too. I consider more than three absences to be excessive. Students with excessive absences are subject to various academic penalties which will be completely at my discretion including, but not limited to, the lowering of the course grade or removal from the course roll with a grade of WF. Please see the AASU catalog for more information on attendance. Also note that being tardy three times constitutes 1 absence.

**Make-ups:** If you are absent from class (excused or not), it is your responsibility to make appropriate arrangements regarding missed work, as well as to obtain pertinent course information (including homework assignments) BEFORE the start of the next class period. A class absence does not apriori merit extended time for turning in homework or other assignments. Also, groupwork done in class will not be allowed to be made up without special approval. Typically, if you miss a scheduled exam, your final grade will be computed from your other regular exams, your final exam, quizzes, homework, etc. Please note that quizzes may be taken at the beginning of class. Punctuality is, therefore, important.

**Attendance:** I expect you to be in class everyday. I consider more than three absences to be excessive. Students with excessive absences are subject to various academic penalties which will be completely at my discretion including, but not limited to, the lowering of the course grade or removal from the course roll with a grade of WF. Please see the AASU catalog for more information on attendance. Also note that being tardy three times constitutes 1 absence.

**Accommodations:** Students requiring special accommodations should meet with me within the first two weeks of class.

**Final Note:** If you are struggling with the course material, come and see me in time to get some help!

(Please be aware that material in this syllabus may be amended as required by circumstances that arise during the course.)