Syllabus for Math 153
Fall 2004, Sections: 16085
http://www.math.iupui.edu/m153/

Instructor: Maan Omran

Contact Information:

• By e-mail: momran@math.iupui.edu

   In order for your e-mail to be processed, you must Use the correct e-mail address above and start your e-mail by writing:
   1. Your name and your class ID number (will be given in class later, DO NOT use your SSN)
   2. The course you are taking
   3. The purpose for your e-mail

• By Phone: ONLY in case of emergency or if you have no access to e-mail:
   1. Math Department: 274-6918 (leave a message with your name, Class ID and course number)
   2. Voice Mail: 470-8902 (leave a message with your name, Class ID and course number)

Grading Policy:

<table>
<thead>
<tr>
<th>Materials</th>
<th>Points</th>
<th>% of Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Homework (65%)</td>
<td>100 p</td>
<td>15%</td>
</tr>
<tr>
<td>Attendance, Participation (35%)</td>
<td>100 p</td>
<td>25%</td>
</tr>
<tr>
<td>4 tests (100 p each)</td>
<td>400 p</td>
<td>60%</td>
</tr>
<tr>
<td>Final Exam</td>
<td>100 p</td>
<td></td>
</tr>
</tbody>
</table>

The 15% for Attendance and Homework is the easiest to get. No students have passed the class so far with poor attendance. However, no students have failed it either with good attendance and homework.

Grade Scale: After taking the final, If your average is below 60% then it is F and if your average is:

<table>
<thead>
<tr>
<th>Score Range</th>
<th>Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>90 - 100%</td>
<td>(A-, A)</td>
</tr>
<tr>
<td>80 - 89%</td>
<td>(B-, B, B+)</td>
</tr>
<tr>
<td>70 - 79%</td>
<td>(C-, C, C+)</td>
</tr>
<tr>
<td>60 - 69%</td>
<td>(D-, D, D+)</td>
</tr>
</tbody>
</table>

Note: The score of A+ is only given to students with 98% as a final average after taking the final exam with an A in the final exam and a 97% or more in: in ALL tests (including the lowest) and in homework and attendance.

Tests: All tests are open response and you must show work for credit. The materials of the course are related in a way that:

• Test 1 (Chapter 1, sections 2.1 and 2.2) is an Algebra Review for materials covered in lower math courses. You should be very familiar with the subjects and you must pass the test in order to stay in the course. Otherwise, you might need to go back to a lower math class such as Math 111.
• Test 2 (Sections 2.3 - 2.7 and 3.1-3.3) is still more Algebra Review, but deeper.
• Test 3 (Sections 3.4 - 3.8 and 4.1) is mostly new materials and most demanding test.
• Test 4 (Sections 4.2 and Chapter 5) covers exponential and logarithmic functions covered in Math 111.

NO MAKE-UP unless you have a valid excuse and No make-up will be given after graded tests are returned.
**Homework and Attendance**: By the end of the semester (please read carefully):

- If you have and keep 80% or more in homework and attendance by the end of the semester, then:
  1. The lowest score for Test 1 or Test 2 will be replaced by the Make-Up Test given at the end of the semester.
  2. If you do well in the final exam, then this will greatly help deciding your final grade. In case you don't do well in the final, then it will be calculated as 100 points.

- If you have less than 80% in homework and attendance by the end of the semester, then:
  1. No partial credits on the test and No lowest score of any test will be dropped or replaced.
  2. Failing the final exam means failing the course, and no benefit from the final exam even if it could help.

- If you have less than 65% in attendance and homework, then your grade for the semester will be *F* regardless of your scores in the tests, and you must officially withdraw (school policy) before the deadline (**November 16, 2004**). The final exam will not be graded or counted if taken.

**Final Exam**: Technically, it is calculated as 25% of your total, but it does play a major role in deciding your final grade for the semester if your final exam score is very high or very low.

If you have more than 85% in attendance and homework (*the higher, the better*):

- Getting an *A* in the final does not mean an automatic *A* for the semester, unless your calculated average after taking it is an *A*.
  However, your final grade of the semester might be raised one step higher than what it was technically calculated after taking the final. This will depend on how good your final exam score and your attendance and homework score.

- Getting an *F* in the final does not mean an automatic *F* for the semester, unless your calculated average after taking it is *F* or your homework and attendance is less than 80%.
  However, your final grade of the semester might be dropped one step lower than what it was technically calculated after taking the final. This will depend on how low your final exam score and your attendance and homework score.

*For example:* Two students took the final, one got a *C-* in the final and the other an *A*-. Both finished the semester with same average of 80% (*B-*). One student will get a *C*+ for the semester, the other a *B*.

*Important*: Getting less than 50% in the final exam means an *F* for the course regardless of your final average before or after taking the final exam. However, no one with good attendance and homework has ever faced that situation yet. It is the department policy that absolutely no make-up for the final.

Missing the final means an (*F*) as a final grade.

**Office hours** are in this room or by appointment and/or: every meeting day before and after class.

**The Mentor Program** and Mathematics Assistance Center (MAC) are very valuable and strongly recommended. There are free tutoring and help available for you to use. (**Attending their help sessions is not required, BUT will be very helpful to you in deciding your final grade**).

You should have a regular scientific calculator for this class. Graphing calculators are not allowed in this class.

If you have to bring a child to class for any reason, then you must speak to me first. DO NOT bring a child without talking to me first and make sure it does not happen more than twice during the semester.

Please avoid popping gums or chewing tobacco in class as form of respect to other students. Absolutely **No Food** or drink allowed in class.

The last day to withdraw from class is **November 16, 2004**. If you stop attending the class without officially withdrawing, your grade will be (*F* or *FN*). If you decide to quit, talk to me first, **don't just disappear**.
How Homeworks are Graded and Collected: Please read carefully

- Each homework set should be neat and organized, stapled with a cover sheet that is given on the first day of the semester. Make a copy of the cover sheet so you can use it for each homework. The coversheet is also available on the web to download and fill electronically. Missing the cover sheet means 2 points off.
- Homework should be sorted by problems and sections according to the list. Do not skip problems or sections, otherwise points will be taken off.
  You need to put: Your Name, ID number for the class and the homework number on the cover sheet. Each student will get an ID number, do not use your SSN.
- Points will be subtracted as 1 point if the homework is worth 10p, 2 points if it is a 20 points homework.
- Due Date: Each homework is due according to the list. Even if you cannot get the right answer, at least TRY it and show some works before attending the class. If homework is not collected and you did not complete the homework because you had questions, then use this chance to finish it and have it ready again.
- All non-collected homework must be turned on test night. For example, if homework #2 and 3 or 4 were not collected or graded, then will be collected on the test evening and graded together. Still, each homework must have a cover sheet, and must be stapled separately. No homework will be accepted after taking the test related to the this homework.
- The answers for all problems are available on the back of the book, you need to show work on getting those answers. Homework with final answers only without work will not be graded
- Please do not wait until class time to collect, organize, staple your homework... have it ready in advance.

Important:

Homework points will be counted only for students attending the class when it is collected or

Some assignments must be turned on due date even if you have a valid excuse (read below) for missing the day when the homework is collected. To get credit for it, you must have it in my mailbox in the math office no later than 12:00 noon the following day. Otherwise it will be considered late.

How Attendances are Taken and Graded: Please read carefully

It is understandable that some of you might have special circumstances and you might miss some classes. Just make sure you call my voice mail or send me an e-mail to tell me about it in advanced.

- Each attendance is worth 5 points and some time 10 points depending on how important the meeting is. Points will be taken off for late attendance, talking in class, no participation....
- Note: Make sure you turn off your cellular phone before entering the class. Each time a cellular phone rings, the owner of the phone would lose 2 points for attendance.
- Missing any review meeting or the class immediately after any test: 5 points will be subtracted per each.
- To be excused from a class: You must inform me by e-mail same day, or the day after but not later. You need to send me an e-mail explaining your reasons, and wait for a reply. You must bring a copy of the reply to class and the proper documents for your excuse to be accepted. If you do not get a reply from me, then I did not get your e-mail.
- If your excuse was accepted as explained above, then a maximum of 4 classes can be missed and:
  The first 2 classes will be with full credits for attendance.
  The next 2 missing classes will be with half the credits for attendance. No credits will be given thereafter.

IMPORTANT:

ADMINISTRATIVE WITHDRAWAL POLICY: A basic requirement of this course is that you will participate in class and conscientiously complete writing and reading assignments. Keep in touch with me if you are unable to attend class or complete an assignment on time. If you miss more than half our class meetings within the first four weeks of the semester without contacting me, you will be administratively withdrawn from this section. Our class meets twice per week; thus if you miss more than four classes in the first four weeks, you may be withdrawn. Administrative withdrawal may have academic, financial, and financial aid implications. Administrative withdrawal will take place after the full refund period, and if you are administratively withdrawn from the course you will not be eligible for a tuition refund. If you have questions about the administrative withdrawal policy at any point during the semester, please contact me.