Spring 2011

Syllabus

MAC 2311 – Calculus I (10269)

Course Instructor: Dr. Beyza C. Aslan
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URL: http://www.unf.edu/~beyza.aslan
Office Hours: M 11:50am – 12:50pm, T 10:50am – 11:50am, W 11:50am – 1:50pm, or by appointment

Meeting times: MW 2 – 3:40 pm
Meeting location: Building 10, 1343
Prerequisite: Pre-Calculus
Credits: 4 semester hours

Important dates:

First day of classes: January 5, 2011
Last day to drop/add: January 11, 2011
Martin Luther King Day: January 17, 2011
Spring Break: March 14-18, 2011
Last day to withdraw: March 25, 2011
Last day of classes: April 20, 2011
Major exams: Exam I: on or near Wednesday, February 16, 2011; Exam II: on or near Wednesday, April 6, 2011.
(Dates are approximate and may be slightly shifted due to unforeseen circumstances.)

Final exam: Wednesday, April 27, 2011, 1 – 2:50 pm.

Assessment procedures and grading:

• Student achievement will be assessed by the following measures:
  
  – **Two exams:** Exams may include short questions for which either full credit or no credit is awarded as well as problems requiring in depth understanding for which partial credit is awarded where appropriate. Each test is worth 100 points.
Online homework assignments: Online homeworks will be assigned via WileyPlus for each section of the book that is covered in class. We will cover about 27 sections from the book. Each homework is worth 2 points and 20 best homework scores will be counted towards your total. No late/early work is accepted. No make-ups will be given.

Worksheets One worksheet will be assigned for each chapter covered. Each worksheet is worth 10 points and total of 5 worksheets will be assigned. No late/early work is accepted. No make-ups will be given.

Announced in-class quizzes: 9 quizzes will be given during class, following the deadline of online homeworks. Each quiz is worth 10 points and the lowest score will be dropped. No late/early work is accepted. No make-ups will be given.

Grading:

Exams ........... 200 points (20 % each)
Homeworks ........... 40 points (8 %)
Quizzes ........... 80*0.75 = 60 points (12 %)
Worksheets ........... 50 points (10 %)
Final Exam ........... 150 points (30 %)
TOTAL ........... 500 points

Your final grade is determined according to the following table:

<table>
<thead>
<tr>
<th>Course performance:</th>
<th>450-500</th>
<th>400-449</th>
<th>350-399</th>
<th>300-349</th>
<th>below 299</th>
</tr>
</thead>
<tbody>
<tr>
<td>Final Grade:</td>
<td>A-,A</td>
<td>B-,B,B+</td>
<td>C,C+</td>
<td>D</td>
<td>F</td>
</tr>
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</table>

Course content: Selected material from the following chapters: Chapters 1, 2, 3, 4, and 5.

Course policies:

Please make sure that you are able to receive e-mail through your UNF account and that you check your e-mail often, at least every other day. Official course announcements may be sent to that address.

No cell phones, laptops, or other electronic devices are allowed in the classroom unless otherwise mentioned. If the use of such devices become very distractive to the instructor or others, the violators may be asked to leave the room. The use of such devices are prohibited during exams/quizzes. If such device is noticed to be turned on and/or in use during an exam/quiz, the violator may receive a zero score and may be referred to appropriate authorities for further disciplinary action.
No make-ups will be given for online homeworks. You are expected to start and finish the assignments before the deadline. Since you will be given up to a week to finish the assignments, it is expected that you work on them well before the deadline. Excuses like "the power shut down an hour before the work was due" will not be accepted. You are responsible for taking into account any problems that may occur and plan accordingly.

No make-ups will be given for in-class quizzes since you are allowed to drop the lowest score.

If a test is missed due to a serious verifiable circumstance or official university business, the test will be made up at a later time if a documentation is provided. You have to advise the instructor of such circumstances at the earliest possibility. It is your responsibility to start the process to set a date for a make-up exam.

No books or notes will be allowed during any of the exams. Use of a "scientific only" calculator may be allowed, though not necessary.

Always show your work unless problem is explicitly stated otherwise. Answers without work, even if they are correct, will receive no credit.

Students with disabilities who seek reasonable accommodations in the classroom or other aspects of performing their course work must first register with the UNF Disability Resource Center (DRC) located in Building 10/1201. DRC staff members then prepare a letter for the student to provide faculty advising them of approved accommodations. For further information, contact DRC by phone at (904) 620-2669, by e-mail at kwebb@unf.edu, or visit the DRC web site at http://www.unf.edu/dept/disabled-services/index.htm.

The above schedule, policies, and assignments in this course are subject to change in the event of extenuating circumstances or by mutual agreement between the instructor and the students.

**Tips:** Keep up with your homework. Ask if you have questions or need help. By working steadily and regularly, you will increase your chances to succeed in this course.

**Plan for dealing with disruption of normal activities:** In the event of disruption of normal classroom activities due to an emergency such as hurricane, pandemic or other unforeseen event or combination of events, the format of this course may be modified in order to enable completion of the course requirements. In that event, you will be provided an addendum to this syllabus that will supersede this version. It is your responsibility as a student participant to be proactive during any emergency to find instructions that I will post on course web site and/or be sent through email and/or posted to the UNF main web site as appropriate for the circumstances.
General Education Outcomes: MAC 2311 is designed to satisfy the following criteria from the Central Student Outcomes of General Education:

Know the world.
*Demonstrate knowledge of the natural sciences, mathematics, arts, and human societies.*
This course focuses on the ”mathematics” portion of this outcome. The whole course contributes to satisfying this outcome.

Think Critically.
*Read, analyze, and understand complex texts or quantitative information.*
This course focuses on the ”quantitative information” portion of this outcome. The whole course contributes to satisfying this outcome.

Solve Problems.
*Formulate and/or apply models to evaluate problems and draw conclusions.*
We reach this goal by using differentiation and/or integration to set up and solve limit problems, optimization problems, related rates problems, graphing function problems, and marginal function problems.