Course Syllabus- MAC2313 Calculus III – Fall 2006

Course Prefix/Number: MAC2313-1051

Course Title: Calculus III

Course Credit Hours: 4

Instructor:

Dr. Jia Liu
Address: Bldg 38 / Rm 113
Phone: 850- 474-3202
Email: jliu@uwf.edu
Office Hour: TR: 3:30 – 4:30 pm or by appointment

Prerequisites or Co-Requisites: MAC2311 (Calculus I) and MAC2312 (Calculus II)

Course Description:

Analytic Geometry and Calculus. Vectors and Vector-Valued Functions. Partial Differentiation. Multiple Integration. (Gordon Rule Course: Theoretical Math) and (General Studies Course: MAT/MAT)

Topic Covered:

Analytic geometry in calculus; Three-dimensional space; vectors; Vector-valued functions; Partial derivatives; Multiple integrals.

Required Text:


Exams and Grading:

Quizzes: There will be 10 or 15 minute quizzes throughout the semester, and will be announced one class before the quiz in class and on the web schedule. My plan is to give a quiz every Wednesday. No quizzes may be made up, but I will drop the two lowest quiz grades.

Ungraded Homework: I will also assign problems (on the webpage) from the book for you to practice the class material and be prepared for the quizzes. These problems will not be collected and not be graded. If you have problems solving these, please feel free to contact me.
**Midterms:** There will be three in-class closed-book midterms during regular class hours. No make-up midterm test will be given, and I will drop the lowest grade.

**Final:** The final will be held on **Monday, December 11th, 2:00 pm - 4:30 pm.**

- **NO make-up quizzes and make-up midterms will be given.**

- Your final grade will be computed as follows:
  - Quizzes: 15%
  - The three midterms: 50%
  - The final: 35%

Letter grades will be assigned on the following scale:

- 90%-100%: A;
- 80%-89%: B;
- 70%-79%: C;
- 60%-69%: D.

Plus and minus grades will be given upon my discretion.

**Expectations for Academic Conduct/Plagiarism Policy:**

As members of the University of West Florida, we commit ourselves to honesty. As we strive for excellence in performance, integrity-personal and institutional- is our most precious asset. Honesty in our academic work is vital, and we will not knowingly act in ways which erode that integrity. Accordingly, we pledge not to cheat, nor to tolerate cheating, nor to plagiarize the work of others. We pledge to share community resources in ways that are responsible and that comply with established policies of fairness. Cooperation and competition are means to high achievement and are encouraged. Indeed, cooperation is expected unless our directive is to individual performance. We will compete constructively and professionally for the purpose of stimulation high performance standards. Finally, we accept adherence to this set of expectations for academic conduct as a condition of membership in the UWF academic community.

Plagiarism Policy: [http://uwf.edu/cas/docs/plagiarism.htm](http://uwf.edu/cas/docs/plagiarism.htm)

Student Handbook: [http://www.uwf.edu/uwfmain/stuHandbk/](http://www.uwf.edu/uwfmain/stuHandbk/)

**Assistance:**

Students with special needs who require specific examination-related or other course-related accommodations should contact Barbara Fitzpatrick, Director of Student Disability Resource Center (SDRC), sdrc@uwf.edu or (850)-474-2387. SDRC will provide the student with a letter for the instructor that will specify any recommended accommodations.

**Important Dates:**
Labor Day       Monday, September 4th, 2006  
Veteran’s Day     Friday, November 10th, 2006  
Thanksgiving Day  Thursday, November 23rd, 2006  
Final Exam       Monday, December 11th, 2006  

Withdrawal Deadlines:
- Withdrawal deadline from all courses for term with partial refund; automatic grade of “WR”  
  **September 27th, 2006**  
- Withdrawal deadline from individual course or all courses for term; automatic grade of “W” (no individual course withdrawals after this date)  
  **November 9th, 2006**  
- Withdrawal deadline from all courses for term; “W” or “WF” at instructor’s discretion  
  **December 8th, 2006**  

Academic Calendar: Fall2006  [http://uwf.edu/registrar/cal200608.htm](http://uwf.edu/registrar/cal200608.htm)

Attendance:  
Attendance at every class meeting is important to your success in this course. You are responsible for all material and all information given in class. Arrive promptly and stay until dismissed. Read ahead before class, then review your notes and do your homework as soon as possible after class. We will not have time to cover every topic in depth in class; your out-of-class work is critical.

Homework:  
Students are responsible for being able to work the problems assigned for homework. Be sure you understand all problems and are able to show all steps in the solutions. Remember, homework is not just a list of answers. Homework problems are not required to be turned in, and we are not able to review many homework problems in class. Ask questions; come to my office hour.

Math Help:  
Talk to me. Come to my office hours or call or email for an appointment. The Math Tutor Lab is located in Bldg 38/147 and is staffed M-R 9-4, F 9-1. The learning center is located in Bldg 52.

Attitude:  
UWF respects the right of instructors to teach and students to learn. Behavior in the classroom that is considered disruptive according to the UWF code of Conduct will not be tolerated and will be reported to the Office of Student Affairs.

Electronic Devices:  
Scientific or graphing calculators may be used for homework and in class for tests/exams unless advance notice has been given. However, you will still have to show all your work AND get the correct answer to get full credit. You may not use a cell phone as your calculator. Please turn off all cell phones and pagers during class – or set them to silent mode.
**Incomplete Grade I:**

A grade of Incomplete will be given only if 70-75% of the course has been completed with a passing grade and the student is unable to take the final exam due to extenuating circumstances that are documented and approved by me.

**Important Note:**

Starting Fall 1997, there is a repeat course surcharge for the third and subsequent times a student register for a course. Grades of WR, W and WF count as attempts.

**Tentative Schedule – Changes will be announced in class and on our eLearning/D2L site:**

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<thead>
<tr>
<th>Week</th>
<th>Sections Covered</th>
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<tbody>
<tr>
<td>Week 1:</td>
<td>11.1, 11.2, 11.3</td>
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<tr>
<td>Week 2:</td>
<td>11.4, 12.1, 12.2</td>
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<td>Week 3:</td>
<td>12.3, 12.4, 12.5</td>
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<tr>
<td>Week 4:</td>
<td>12.6, Review, Test #1</td>
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<td>Week 5:</td>
<td>13.1, 13.2, 13.3</td>
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<td>Week 6:</td>
<td>13.4, 14.1, 14.2</td>
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<td>Week 7:</td>
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<td>Week 8:</td>
<td>Review, Test#2</td>
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<td>Week 9:</td>
<td>14.5, 14.6</td>
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<td>Week 10:</td>
<td>14.7, 14.8</td>
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<td>Week 11:</td>
<td>15.1, 15.2</td>
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<td>Week 12:</td>
<td>Review, Test #3</td>
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<td>Week 13:</td>
<td>15.3, 15.4</td>
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<td>Week 14:</td>
<td>15.5, 15.7</td>
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<td>Week 15:</td>
<td>Review</td>
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