Math 168-02: Calculus with Analytical Geometry II, Fall 2006

Instructor: Dr. Haiyan Tian
Office: SH 316
Office Hours: TTh 9:30 – 10:30 a.m., W 1:30 – 3:30 p.m. or by appointment
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Lecture: TTh 8:00 – 9:15 a.m., CH 301

Course Objectives:
1. To learn integration, applications of definite integrals, transcendental functions, and techniques of integration.
2. To learn how to use calculus to model and solve real-life problems.
3. To know how to perform the calculations and computations necessary to obtain solutions.

Attendance: Attendance at all classes is absolutely essential. You are also responsible for being prepared for each class.

Tentative Course Schedule: This is a tentative plan to help you in scheduling your time. Revisions will be discussed and announced in class. You are expected to spend nine to twelve hours of work out of the classroom. Keep up to date is especially important in this class.

Week 1, Introduction, Ch 5.1
Week 2, Ch 5.1 - 5.2
Week 3, Ch 5.3 - 5.4
Week 4, Ch 5.5 - 5.6
Week 5, Review, Test One
Week 6, Ch 6.1 - 6.2
Week 7, Ch 6.2, Ch 7.1
Week 8, Ch 7.2, Review
Week 9, Test Two, Fall Break
Week 10, Ch 7.3 - 7.4
Week 11, Ch 7.4 - 7.5
Week 12, Ch 7.7, Ch 8.1
Week 13, Ch 8.2, Review
Week 14, Test Three, Thanksgiving Holidays
Week 15, Ch 8.3 - 8.4
Week 16, Review for Final
Quizzes, Homework, and Exams: Homework assignments will be announced in class. There will also be a number of short quizzes in class throughout the semester. Make-up quizzes will not be given. There will be three 100-point exams and one final comprehensive exam. Please make certain that your writing is neat and clear, and that you have shown all the necessary work instead of just a final answer. All students are required to be present for every exam. Make-up exams will not be given. Talk with me ahead of time if you have a problem with an exam date.

Grades: Your grade will be determined by your average of the following grades:
Quizzes and Homework --- 50 points
Three Exams --- 300 points
Final Exam --- 100 points

Your final grade for the course will be based on the following overall percentages:
A: 90-100%
B: 80-89%
C: 70-79%
D: 60-69%
F: 0-59%

Class Conduct: All students are expected to be attentive in class. Please make every effort to arrive on time. Being late for class or leaving class before dismissal may be construed as an absence. It is the student’s responsibility to attend class, pay attention, respond to the teacher, and participate in discussions.

ADA: If a student has a disability that qualifies under the Americans with Disabilities Act (ADA) and requires accommodations, he/she should contact the Office for Disability Accommodations (ODA) for information on appropriate policies and procedures. Disabilities covered by ADA may include learning, psychiatric, physical disabilities, or chronic health disorders. Students can contact ODA if they are not certain whether a medical condition/disability qualifies. Mailing address: 118 College Drive #8586, Hattiesburg, MS 39406-0001; Telephone: (601) 266-6837; Fax: (601) 266-6035.