

Applied Calculus I - Math 1810 - Sections 002, 003 Course Syllabus

Spring 2008

Class Times: For **Section 002:** MWF 11:30 - 12:25;

For **Section 003:** MWF 12:40 - 1:35.

Room: For **Section 002:** BAS S270;

For **Section 003:** CKNB 105.

Text Book: Calculus by Hoffmann and Bradley, ninth edition.

Prerequisites: Three credits. Prerequisite: Eligibility to take MATH 1710. First of a four-course sequence. Introduces mathematical modeling applied to real-world problems. Sets, functions, inverse models, limits, continuity, first and second order model building, single variable differentiation, implicit differentiation, inverse problems (exponential and log models). First and second derivatives used to study the behavior of real-world applications.

Instructor: Dr. Wandu Ding

Office Hours: MWF 9:00 - 10:30am and 2:30 - 4:30pm or by appointment.

Contact Information:

- Office: KOM 223B
- E-mail: wding@mtsu.edu
- Phone: 615-494-8936
- Web page: <http://www.mtsu.edu/~wding>

Grading Policy:

-Grading Scale:

- 90 - 100%: A
- 80 - 89%: B
- 70 - 79%: C
- 60 - 69%: D
- < 60%: F

-Your grade is determined by the following:

- Exam 1: 15%
- Exam 2: 15%
- Exam 3: 15%
- Quizzes/Homework/Reading Assignment: 30%
- Final Exam: 25%
- Extra Credit

Attendance: Daily attendance and participation is expected.

Materials to be covered: This course will cover the materials from Appendix A and Chapters 1-4.

Comprehensive Final Exam Time: For **Section 002:** April. 30, 10:00am-12:00pm;
For **Section 003:** April 25, 12:30-2:30.

Drop/Withdrawal Policy: Please note that the Drop Policy and Withdrawal Procedures as they are stated in the Fall 2007 Registration Guide and the MTSU Undergraduate Catalog. The last day to drop/withdraw this course without a grade is Jan.27. The last day to drop/withdraw this course with a “W” is Mar.2. A grade of “I” will be given only in accordance with University policy.

Math Tutorial Lab (MTL): Tutoring rooms KOM 252 is available as free service to MTSU students for Math 1710, 1720, 1730, 1810, 1910 and 1920. The MTL will open on Tuesday, September 4 and close on Thursday, December 13. Hours of operation are 9:00am to 4:30pm, M - TR and 9:00am to 3:00pm on Friday. The MTL is closed on weekends and MTSU scheduled holidays. Days and times for tutoring specific topics are posted on the bulletin board outside room KOM 252.

Lottery Scholarships: To retain Tennessee Education Lottery Scholarship eligibility, you must earn a cumulative TELS GPA of 2.75 after 24 attempted hours and a cumulative TELS GPA of 3.0 thereafter. A grade C, D, F or I in this class may negatively impact TELS eligibility. Dropping a class after 14 days may also impact eligibility. If you withdraw from this class and it results in an enrollment status of less than full time, you may lose eligibility for your lottery scholarship. For additional lottery scholarship requirements on the web at <http://scholarships.web.mtsu.edu/telsconteligibility.html>, or contact the MTSU financial aid office at 898-2830.

Disability Assistance: If you have a disability that may require assistance or accommodation, or you have questions related to any accommodations for testing, note takers, readers, etc., speak with me as soon as possible. Students must also contact the Office of Disable Students Services (898-2783) with questions about scheduling such services.

Important Dates:

- Jan. 21: Martin Luther King’s Day
- Mar. 3 - 7: Spring Break
- Apr. 23: Last Day of Class

Notes:

- No make-up quizzes will be given.
- If you miss one of the three in class exams, you will have one week to schedule a make-up. Please understand the make-up exams will be **different**. If one week passes and no make-up exam has been rescheduled then a zero is recorded for that exam.
- Homework will be recommended every day. The students are expected to work on them and ask questions the next class. Reading assignments will be tested.

- Check your MTSU e-mail regularly for updated information.
 - Check <http://www.mtsu.edu/~wding/~teaching1.html> for updated information on class schedule.
 - Use D2L to check your grades and other info.
 - Take full use of Instructor's office hours.