

Course Syllabus
Math 143.01 – CID 2669
Calculus II
4 Credits
Spring 2008

- **Class meeting information:** Class meets in 402 LDB
Monday & Wednesday 9:00 - 10:00 and Tuesday & Thursday 9:30 - 11:00
- **Professor:** Dr. Brian Loft **e-mail:** loft@shsu.edu
Office: 434 Lee Drain **Office Phone:** 294-4465
web-page: http://www.shsu.edu/~mth_bml
- **Office Hours:**
Monday 10:00 - 11:00
Tuesday 1:30 - 2:30
Wednesday 11:00 - 12:00
Friday 10:30 - 11:30 and, of course, by appointment.
- **Course Description:**
This course includes the study of integral calculus and its applications, including techniques of integration, improper integrals, infinite series and Taylor's formula.
Students taking MTH 143 must have received a grade of C or better in Math 142.
Each class will be primarily lecture-oriented.
- **Course Objectives:**
Students completing this course should have mastery of the following major concepts. Other techniques and ideas will also be covered.
 - (review of) the definite integral and the fundamental Theorem of Calculus
 - applications of integration: volumes, surface area, length of curves, work
 - transcendental functions defined as integrals
 - techniques of integration: substitution, integration by parts, trig. substitution, partial fractions
 - polar coordinates, parametric equations
 - sequences: convergence
 - series: convergence tests, power series
- **Required Textbook:**
Thomas' Calculus, 11th Ed.: Early Transcendentals, by Finney, Weir and Giordano.
- **Required Supplies:** A graphing calculator - TI-83 recommended. Calculators with Computer Algebra Systems will not be allowed. If you have questions about your calculator, please see me.

- **Attendance Policy:** Students are expected to attend every class. If class must be missed, the student is expected to get the notes from a classmate, and to check the web-page for announcements and updated assignments.

Students are expected to arrive to class on time. If a student is perpetually late, they will be asked to not attend class unless they arrive on time. If tardiness becomes a problem for the class as a whole, people who arrive late will not be permitted to enter the class. If this stricter policy becomes necessary, there will be an announcement made in class and posted on the web-page under "Announcements".

- **Assignments:**

1. **Homework:** Homework will be assigned in class each day, but not collected. Assignments can be found online.

It is your responsibility to ask questions about homework problems which you were not able to complete or did not understand. It is your responsibility to come to office hours, or otherwise contact someone for help. You may contact me via e-mail if you cannot make it to office hours, and I will try to answer questions as clearly as I can via e-mail. It is also your responsibility to do as many problems from each section as you need to in order to feel comfortable with the material.

2. **Quizzes:** There will be two quizzes each week.... some will be in the form of worksheets to be completed in small groups. No make-ups are allowed under any circumstances. To compensate for this, the lowest two quiz scores for the semester will be dropped.
3. **Class participation:** Students are encouraged to participate actively by asking and answering questions both in and out of class.

- **Exams:** There will be three exams during the semester. There will be no makeup exams, except for official University-sponsored activities.

The comprehensive final exam will be held on Wednesday, May 14, from 8:00 to 10:00.

- **Grading Plan:** The course grade is based on:

Quizzes / Worksheets	20%
Exam 1	20%
Exam 2	20%
Exam 3	20%
Final Exam	20%

The course grade will be assigned via a standard 10-point scale. There is no additional curve in this class, and no extra credit, so keep up as the semester progresses.

- **Academic Dishonesty:** Students are expected to maintain honesty and integrity in the academic experiences both in and out of the classroom. See Student Syllabus Guidelines.
- **Classroom Rules of Conduct:** Students are expected to assist in maintaining a classroom environment that is conducive to learning. Students are to treat faculty and students with respect. Students are to turn off all cell phones while in the classroom. Under no circumstances are cell phones or any electronic devices to be used or seen during times of examination. Students may tape record lectures provided they do not disturb other students in the process.
- **Visitors in the Classroom:** Only registered students may attend class. Exceptions can be made on a case-by-case basis by the professor. In all cases, visitors must not present a disruption to the class by their attendance. Students wishing to audit a class must apply to do so through the Registrars Office.
- **Student Absences on Religious Holy Days Policy:** Students are allowed to miss class and other required activities, including examinations, for the observance of a religious holy day, including travel for that purpose. Students remain responsible for all work. See Student Syllabus Guidelines.
- **Disabled Student Policy:** It is the policy of Sam Houston State University that individuals otherwise qualified shall not be excluded, solely by reason of their disability, from participation in any academic program of the university. Further, they shall not be denied the benefits of these programs nor shall they be subjected to discrimination. Students with disabilities that might affect their academic performance should visit with the Office of Services for Students with Disabilities located in the Counseling Center. See Student Syllabus Guidelines.

For more information on these policies, please visit the site

<http://www.shsu.edu/syllabus/>