Schedule: MWF 2:30–3:40 in ILB 345

Instructor: Dr. Dan Silver • Office: ILB 303 • Phone: 460-6264 ext. 6757
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Office hours: MWF 3:40 – 4:40; TR 1-2:30 or by appointment

Course objectives: This is the second of a 3-course sequence intended to provide a good foundation for various areas of elementary calculus and its applications for students of mathematics, science and engineering.

Course description: This course is a continuation of MA 125 with emphasis on integral calculus. Topics include techniques of integration; applications of the definite integral to geometry, natural sciences, engineering, and economics; improper integrals; infinite sequences and series; Taylor polynomials and Taylor series; parametric equations and polar coordinates.


Attendance: Attendance will be taken. It is your responsibility to sign in. Three or more unexcused absences will lower your final grade by a letter.

Cell Phones and Laptops: The use of cell phones or computers during lectures is rude and a distraction.

Homework: Homework will be assigned but not collected.

Quizzes: There will be at least eight 20-point quizzes. The score for any missed quiz is zero. There will be no make-up quizzes. However, your two lowest quiz grades will be dropped.

Exams: There will be two in-class exams, tentatively scheduled for February 22 and April 12. The final exam is on Monday, May 6, 3:30 – 5:30. If you are unable to attend an exam you should contact me promptly: before the exam if possible, and otherwise, before the next class. A compelling reason for absence will entitle you to a make-up exam.

Calculators: Calculators and computers are not allowed on any test or quiz unless otherwise stated.

Final Grade: Your grade will be based upon the following.

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<thead>
<tr>
<th>Component</th>
<th>Points</th>
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<tbody>
<tr>
<td>Quizzes</td>
<td>120</td>
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<tr>
<td>In-class exams</td>
<td>200</td>
</tr>
<tr>
<td>Final exam</td>
<td>180 points</td>
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<tr>
<td>Total</td>
<td>500</td>
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If you score 90% or higher, you will earn an A; between 80% and 90%, at least a B, etc. Final grade distribution is determined by attendance and participation as well as overall class performance.

Changes: The above dates and requirements may be modified as circumstances dictate, with adequate written notification to the students.

Student Academic Conduct Policy and Academic Disruption Policy: These policies are published annually in The Lowdown, at http://www.southalabama.edu/lowdown/.

Tutoring lab: The department offers a tutoring lab to all students taking mathematics and statistics classes. There is no lab fee. Tutoring takes place in ILB 235, beginning in the second week of class. Please check the bulletin board outside ILB 325 for details.


JagAlert: This is an academic program intended to help students be successful in 100-200 level courses. If you are not doing well, you will receive an email instructing you to see your professor and academic advisor. Watch for the JagAlert email around week 6 of this semester.

Students with Disabilities: If you have a specific disability that qualifies you for academic accommodations, please notify the instructor/professor and provide certification from the Office of Special Student Services. The Office of Special Student Services is located in Room 270 of the Student Center (460-7212).