San Jose State University
Spring 2016
Math 31
Calculus II
Section 6 (Class Number 28082)
(MTWH 1:30 - 2:20 p.m., MH 224)

Instructor: Dr. S. Obaid
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Phone: 924-5140
e-mail Address samih.obaid@sjsu.edu
URL www.math.sjsu.edu/~sobaid/

Office Hours: Monday 8:45 - 9:45 a.m.
Tuesday 2:30 - 4:00 p.m.
Thursday 2:30 - 4:00 p.m.

Catalog Description: Definite and indefinite integration with applications. Sequences and series. Graphical, algebraic and numerical methods for solving problems.

Course Objectives: To learn the concepts and techniques of integral calculus and use them in solving applied problems. To learn the concepts of infinite sequences and series. To investigate convergence properties of numerical and power series and their applications to representations of functions as power series.

Prerequisites: Passing Math 30 or 30P with a grade of C- or better.

Text: Calculus, Early Transcendentals (8th EDITION)
By James Stewart, Thomson (Brooks/Cole)
You can use 6th or 7th edition.
THIS TEXT HAS A SOLUTION MANUAL

Problem Set: You can print it from my web page

Topics: Appendix E, Chapter 5(1-5), Chapter 6(1-4), Chapter 7(1,2,3,4,7,8), Chapter 8(1-3), Chapter 11(1-6,8-10), Appendix G.
There are several optional sections (most likely will not be covered for lack of time).

Grading Policy: Quizzes 16% (4 quizzes. They will be announced in advance)
Exam I 21% (Thursday 3/03)
Exam II 21% (Thursday 4/07)
Exam III 21% (Thursday 5/05)
Final Exam 21% [Thursday, 5/19, 12:15-2:30 p.m.]

The final exam is comprehensive.
Workshops: See the department web page for this requirement.
Calculators: You can always use TI 81 ... TI 86. No calculator that computes indefinite integrals is allowed on any of the quizzes or the exams (No TI 89 or TI 92).
Late Adding: If you add during the semester it is your responsibility to find all the information you missed. Always find out what you missed.
Remarks: No make-up exams or quizzes will be given. In the case of the exams reasons to exceptions must be convincing to me, officially documented, and presented to me before the missed exam.
Cell - Phone Shut it down and keep it away from your desk during the exams and quizzes.

A pictured ID is required for all exams.

Integrity Policy: It is a requirement that you read the university policy http://www.sjsu.edu/senate/docs/F15-7

Last day to drop without documentation: Tuesday, February 09, 2016. After 2/09/2016 "a student may withdraw from class only for 'serious and compelling reasons' which shall be defined as circumstances and genuine emergencies beyond the student's control. These circumstances must be documented ... Failure, or anticipated failure, or non-attendance is not a valid reason for withdrawing from a course."

Grading Scale: The following scale is tentative.

A+ is an exceptional grade and will be given only to outstanding students.

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<th>Grade</th>
<th>Score</th>
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<tr>
<td>A+</td>
<td>90 or higher</td>
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<tr>
<td>A</td>
<td>88, 89</td>
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<td>A-</td>
<td>84-87</td>
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<td>B+</td>
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If you are a disabled student you are encouraged to discuss with me during the office hours your needs as soon as you can.

It is useful to read the math department web page: www.sjsu.edu/math There is free tutoring in the student services center room 600, www.sjsu.edu/larc and in DH213 and the Peer Connections in Clark Building.