

# Math 213-01     Spring 2012

## Calculus III

- (1) **Instructor.** Yūichirō Kakihara, Office: JB310, Office hours: MWF 10:30–11:10 am and MW 2:30–3:30 pm, Phone: (909) 537-7610, e-mail: ykakihar@csusb.edu.
- (2) **Textbook.** *Calculus of a Single Variable*, Ninth Edition, by Ron Larson and Bruce H. Edwards, Brooks/Cole, 2010.
- (3) **Prerequisite.** Math 212 with a grade of “C” or better.
- (4) **Contents.** Applications of the definite integral, infinite series, and plane curves and polar coordinates.
- (5) **Schedule.** Lecture: MWF 12 – 1:10 pm, JB 385

Week	S	M	W	F
1	Apr 01	7.2	7.3	7.4
2	Apr 08	7.6	9.1	Catch up
3	Apr 15	9.2	9.3	Catch up
4	Apr 22	9.4	Review	<b>Exam 1</b>
5	Apr 29	9.5	9.6	Catch up
6	May 06	9.7	9.8	Catch up
7	May 13	9.9	Review	<b>Exam 2</b>
8	May 20	9.10	10.2	Catch up
9	May 27	Holiday	10.3	Catch up
10	Jun 03	10.4	10.5	Catch up
11	Jun 10	Review	<b>Final</b>	

There are two midterm exams on April 27 (F) and May 18 (F). The final exam will be on June 13 (W), 12 – 1:50 pm and be cumulative. There will be a make-up exam for those who show a good reason for absence.

- (6) **Assignment.** There will be one homework assignment due Friday each week. **No late homework will be accepted. Homework must be stapled altogether.** Make your work as legible as possible and show your work. Doing the homework in a regular and timely fashion is extremely critical to your success in this class.
- (7) **Grading.** Grade will be determined as follows: homework (20%, 200pt), exam 1 (25%, 250pt), exam 2 (25%, 250pt) and the final exam (30%, 300pt). I will use the following scheme:  
 A: 900–1000, A–: 870–899  
 B+: 830–869, B: 780–829, B–: 730–779  
 C+: 680–729, C: 630–679, C–: 600–629  
 D+: 570–599, D: 530–569, D–: 500–529  
 F: 0–499
- (8) **General advise.** **No electric device (cell phone, computer, ipod, etc) is allowed in the class. Come to the class on time. Do not leave the class early unless you have a compelling reason.** The key to success in this class is to stay on top of the material and to do your homework diligently. Keeping current with the homework also makes any difficulties you are having easier to identify. Also you are encouraged to work together with your classmates on homework. When you need help, you should see me soon. A common mistake is to wait far too long, and then effective help is difficult to give.
- (9) **ADA compliance.** Service to Students with Disabilities offers a comprehensive and well-coordinated system of educational support services to students who have documented permanent or temporary disabilities. Contact University Hall, Room 183, (909) 537-5238.
- (10) **Academic regulations and procedures.** See Academic Regulations in Bulletin of Courses 2011–2012 for the university’s policies on course withdrawal, cheating, and plagiarism.

(11) **H1N1 (swine flu) information.** To avoid a pandemic outbreak of H1N1, the campus is encouraging you students to stay at home if you have any flu-like symptoms instead of coming to campus. You will NOT need to bring a doctor's note to excuse your absence. You WILL be able to make up any exams and homework that you miss by staying at home.

(12) **Homework assignment.**

<b>Due</b>	<b>Section</b>	<b>Homework Assignment</b>
7.2		1 – 33 (eoo = every other odd, i.e., 1, 5, 9, 13, 17, 21, 25, 29, 33), 59, 61
7.3		1 – 29 (eoo)
7.4		1, 5, 9, 13, 37, 41, 45
7.6		1 – 29 (eoo), 39, 51
9.1		1 – 37 (eoo), 45 – 85 (eoo)
9.2		1 – 29 (eoo), 37 – 73 (eoo)
9.3		1 – 41 (eoo), 57, 61
9.4		1 – 45 (eoo)
9.5		13 – 37 (eoo), 53 – 69 (eoo), 89, 93
9.6		1 – 65 (eoo), 77, 81
9.7		1 – 29 (eoo)
9.8		1 – 45 (eoo)
9.9		1 – 57 (eoo)
9.10		1 – 41 (eoo)
10.2		1 – 33 (eoo), 43, 45, 47, 49
10.3		1 – 41 (eoo), 49, 53, 57
10.4		1 – 45 (eoo)
10.5		1 – 33 (eoo), 41, 45, 49