Mathematics Department
California State University, Fresno

MATH 75 Common Syllabus - Fall 2015

Instructors		
Name	**Course information**	**Office information**
Dr. Oscar Vega	Class n°: 74737 Class Time: 8:00 - 8:50 AM Days: MTWTH Room: S2 308	Office n°: PB 352 Email: ovega@csufresno.edu Telephone: (559) 278-4903 Office hours: Mon 10:00 AM - 11:00 AM Tue 10:00 AM - 12:00 PM Wed 9:00 AM - 12:00 PM Thur 10:00 AM - 12:00 PM MML ID: vega02217
Name	**Course information**	**Office information**
Dr. Comlan de Souza	Class n°: 74736 Class Time: 9:00 - 9:50 AM Days: MTWTH Room: S2 308 Class n°: 75292 Class Time: 10:00 - 10:50 AM Days: MTWTH Room: S2 308	Office n°: PB 345 Email: csouza@csufresno.edu Telephone: (559) 278-4910 Office hours: MTWTH 11:00 AM-1:50 PM MML ID: desouza96033
Name	**Course information**	**Office information**
Dr. Lance Burger	Class n°: 75484 Class Time: 11:00 - 11:50 AM Days: MTWTH Room: S2 308	Office n°: PB 338 Email: lburger@csufresno.edu Telephone: (559) 278-4906 Office hours: W 1pm-2pm in PB 338 F 4pm-6pm in IT 290 MML ID: burger40282

Supplemental Instruction:
Supplemental Instruction (SI) is provided for all students who want to improve their understanding of the material taught in this course. SI sessions are led by a student who has already mastered the course material and has been trained to facilitate group sessions where students can meet to compare class notes, review and discuss important concepts, develop strategies for studying, and prepare for exams. The SI leader attends this class and communicates regularly with the instructor to ensure that accurate information is given. Attendance at SI sessions is free and voluntary for any student enrolled in this course. Students may attend as many times as they choose. A session schedule will be announced in the first few weeks of class. Need more information? Check out FRESNO STATE SI VIDEO:

http://youtu.be/yTLGu5TLOUI

Supplemental Instruction Leader: Britten Smith
Email: sawyer44@mail.fresnostate.edu

Textbook (required): *Calculus: Early transcendentals*, Briggs & Cochran

MyMathLab code	Ebook	ISBN: 132307533X	$86.50
MyMathLab code+Loose-leaf	Ebook	ISBN: 1323178503	$99.01

(Fresno State Bookstore prices)

Calculus Success for Math 75: This is Dr. Burger's initiative to offer extra help through activities and problem solving. It is from 2pm-4pm in IT 290, every Friday starting Aug 28. There will be a skipped session during Thanksgiving break.

Catalog Description: Calculus I (4 units) Prerequisites: elementary geometry, intermediate algebra, and trigonometry; or precalculus. Passing score on the department's Calculus Readiness Test required prior to enrollment. In addition, students must meet the ELM requirement. Functions, graphs, limits, continuity, derivatives and applications, definite and indefinite integrals. G.E. Foundation B4. FS (CAN MATH 18).

Course Goals: In addition to mastering the concepts outlined in the catalog description, upon completion of this course, students should be able to understand:

- the concept of a limit,
- continuous functions,
- the definition of a derivative as a limit,
- the application of derivative in real life examples, as the instantaneous rate of change,
- antiderivatives,
- area under curves by Riemann sums,
- the Fundamental Theorem of Calculus

Primary Learning outcomes: Upon completion, a successful student should be able to

- use functions to represent changing quantities,
- compute the limits of algebraic expressions,
- know the definition of a derivative by a limit,
- compute the derivatives of standard functions by using the differentiation rules,
- understand the concept of non differentiability and be able to provide an example,
- use application of the derivative to study a function, to solve optimization problems, and find zeros of a function by using Newton's method,
- compute simple antiderivatives,
- compute the area under the curve of a function by using limits of Riemann sums,
- apply the Fundamental Theorem of Calculus (the two versions).

Attendance: Attendance is strongly recommended.

MyMathLab Homework: There will be a problem set for each section covered in class. These are due on Sun nights (11:59 pm). It is your responsibility to check the due dates carefully. NO LATE HOMEWORK accepted FOR ANY REASON. The lowest 3 homework grades (percentages) will be dropped.

Written Assignments/Quizzes/ Activities: Each instructor will announce in class what written assignments or quizzes will be given in his or her section(s).

Midterm Exams: There will be 4 midterm exams, given in class. Tentatively, these exams are scheduled as follows:

1. Exam 1: Sep 17 (chapter 1 and 2)
2. Exam 2: Oct 15 (chapter 3)
3. Exam 3: Nov 12 (chapter 4 except sections 4.8 and 4.9)
4. Exam 4: Dec 3 (sections 4.8, 4.9, 5.1-5.5)

There will be no make-ups given except for serious reasons such as illness/hospitalization. Books, notes, cellphones, or calculators are NOT allowed on exams.

Final Exam: The common final exam is scheduled on Saturday, December 12 from 10:00 A.M. to 12:00 P.M. in IT 101 (and M160 if required). You will need to bring your photo ID, a Scantron sheet (Form 882-E), and a #2 pencil to the final exam. The final exam is comprehensive. Books, notes, cellphones, or calculators are NOT allowed.

Point system:

Written Assignments/Quizzes/Activities: **200 pts**
MyMathLab Homework: **100 pts**
Exam 1: **100 pts**
Exam 2: **100 pts**
Exam 3: **100 pts**
Exam 4: **100 pts**
Final Exam: **200 pts**
TOTAL: 900 points

Grades:

A : 810 - 900 points
B : 720 - 809 points
C : 630 - 719 points
D : 540 - 629 points
F : 0 - 539 points

Tentative lecture schedule

Week	Dates	M	T	W	Th	Book Sections	Review, Exams, Notes
1	AUG		25	26	27	1.1, 1.2, 1.3, 1.4	Tue: Orientation
2	AUG/SEP	31	1	2	3	2.1, 2.2, 2.3	
3	SEP	X	8	9	10	2.4, 2.5, 2.6	LABOR DAY - campus closed
4	SEP	14	15	16	17	3.1, 3.2	Thur: Exam1
5	SEP	21	22	23	24	3.3, 3.4, 3.5	Tue: Last day to drop w/o W
6	SEP/OCT	28	29	30	1	3.6, 3.7	
7	OCT	5	6	7	8	3.8, 3.9	
8	OCT	12	13	14	15	3.10, 3.11	Wed: Review Thur: Exam2
9	OCT	19	20	21	22	4.1, 4.2, 4.3	
10	OCT	26	27	28	29	4.4, 4.5	
11	NOV	2	3	4	5	4.6, 4.7	
12	NOV	9	10	X	12	4.8	Tue: Review Wed: VETERANS DAY- campus closed Thur: Exam 3
13	NOV	16	17	18	19	4.9, 5.1, 5.2	
14	NOV	23	24	X	X	5.3, 5.4	THANKSGIVING RECESS - campus closed
15	NOV/DEC	30	1	2	3	5.5	Wed: Review Thur: Exam 4
16	DEC	7	8	9	C		Review; Consultation

University Policies :

Students with Disabilities: Upon identifying themselves to the instructor and the university, students with disabilities will receive reasonable accommodation for learning and evaluation. For more information, contact Services to Students with Disabilities in the Henry Madden Library, Room 1202 (278-2811).

Honor Code: "Members of the CSU Fresno academic community adhere to principles of academic integrity and mutual respect while engaged in university work and related activities. You should:

a) understand or seek clarification about expectations for academic integrity in this course (including no cheating, plagiarism and inappropriate collaboration)

b) neither give nor receive unauthorized aid on examinations or other course work that is used by the instructor as the basis of grading.

c) take responsibility to monitor academic dishonesty in any form and to report it to the instructor or other appropriate official for action.

Instructors may require students to sign a statement at the end of all exams and assignments that I

have done my own work and have neither given nor received unauthorized assistance on this work. If you are going to use this statement, include it here.

Cheating and Plagiarism:"Cheating is the actual or attempted practice of fraudulent or deceptive acts for the purpose of improving one's grade or obtaining course credit; such acts also include assisting another student to do so. Typically, such acts occur in relation to examinations. However, it is the intent of this definition that the term 'cheating' not be limited to examination situations only, but that it include any and all actions by a student that are intended to gain an unearned academic advantage by fraudulent or deceptive means. Plagiarism is a specific form of cheating which consists of the misuse of the published and/or unpublished works of others by misrepresenting the material (i.e., their intellectual property) so used as one's own work." Penalties for cheating and plagiarism range from a 0 or F on a particular assignment, through an F for the course, to expulsion from the university. For more information on the University's policy regarding cheating and plagiarism, refer to the Class Schedule (Legal Notices on Cheating and Plagiarism) or the University Catalog (Policies and Regulations).

Computers: "At California State University, Fresno, computers and communications links to remote resources are recognized as being integral to the education and research experience. Every student is required to have his/her own computer or have other personal access to a workstation (including a modem and a printer) with all the recommended software. The minimum and recommended standards for the workstations and software, which may vary by academic major, are updated periodically and are available from Information Technology Services (http://www.csufresno.edu/ITS/) or the University Bookstore. In the curriculum and class assignments, students are presumed to have 24-hour access to a computer workstation and the necessary communication links to the University's information resources."

Disruptive Classroom Behavior: "The classroom is a special environment in which students and faculty come together to promote learning and growth. It is essential to this learning environment that respect for the rights of others seeking to learn, respect for the professionalism of the instructor, and the general goals of academic freedom are maintained. ... Differences of viewpoint or concerns should be expressed in terms which are supportive of the learning process, creating an environment in which students and faculty may learn to reason with clarity and compassion, to share of themselves without losing their identities, and to develop and understanding of the community in which they live . . . Student conduct which disrupts the learning process shall not be tolerated and may lead to disciplinary action and/or removal from class."

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www.csufresno.edu/library/about/policies/docs/copyrtpolicyfull.pdf.

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