

San José State University
Department of Mathematics and Statistics
Math 32 Calculus III
Fall 2019

Course and Contact Information

Instructor: H. K. Ng
Office Location: MacQuarrie Hall 317
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Grades will **NOT** be discussed in telephone or e-mail communications.
Please see me during my office hours.

Office Hours: MW 7:45 – 9:00, 10:15 – 11:30 MacQuarrie Hall 317

Class Days/Time/Classroom:

Section 2	MW	12:00 – 13:15	Science Building 142
Section 8	MW	9:00 – 10:15	MacQuarrie Hall 320

Prerequisites: AP Calculus BC score 3 to 5, Math 31 (with a grade of C– or better).

Course Description

Functions of more than one variable, partial derivatives, multiple integrals and vector calculus. Graphical, algebraic and numerical methods of solving problems. 3 units.

Course Objectives

To learn 2- and 3- dimensional vector algebra and analytic geometry. To understand and apply the basic ideas of multivariable calculus: functions, limits, continuity, differentiation, and integration. To master the concepts and techniques of multivariable calculus and to use these methods in solving applied problems.

Required Text

Calculus: Early Transcendentals, 8 ed., Stewart, Cengage Learning, Chapters 10, 12 – 15
You will do your homework and take your quizzes online. If you buy a new book, make sure that it is the bundled version with WebAssign. If you have a used book, you will need to separately purchase a new WebAssign access code.

Other technology requirements / equipment / help

Equipment	Graphing calculator, computer Computers are available in the Math Lab (MH 221). However, no electronic equipment will be allowed in the midterms and final.
Tutoring	Peer Connections http://peerconnections.sjsu.edu/ Math courses Drop-In Tutoring in the Math Lab (MH 221) CoSAC Tutoring http://www.sjsu.edu/cosac/tutoring/index.html
Workshop	You are strongly encouraged to join a workshop.

Course Requirements

Homework	almost weekly, usually on Wednesday
Quizzes	September 16, September 30, October 28, December 4 (subject to change)
Midterms	October 9, November 13 (subject to change)
Final	Section 2 December 16 (Monday) 9:45 – 12:00 Section 8 December 13 (Friday) 7:15 – 9:30

There are **no make-up quizzes, midterms, or final.**

You **MUST** take the midterms and final in the section that you are enrolled in.

There are **no make-up quizzes, midterms, or final.** If you cannot be present on the above dates, you should not enroll in these sections of Math 32.

SJSU classes are designed such that in order to be successful, it is expected that students will spend a minimum of forty-five hours for each unit of credit (normally three hours per unit per week), including preparing for class, participating in course activities, completing assignments, and so on. More details about student workload can be found in University Policy S12-3 at www.sjsu.edu/senate/docs/S12-3.pdf.

Grading

Grading (tentative)

Homework	15% (drop two lowest)
4 Quizzes	12% (drop lowest)
2 Midterms	40%
Final	33%

(No late or make-up work; no extra credit)

Lowest totals to receive the grades of A/B/C/D are 88/75/60/50 respectively. These letter grades may be further modified by + and –. The instructor reserves the right to adjust the course grades after considering the actual distribution of the class.

Scores on the midterms and final cannot be changed, unless I make an arithmetic mistake when I add up the points. In such a case, it should be brought to my attention within a week. My graders and I grade all problems using the same standards, and re-grading individual problems would not be fair.

Homework and quizzes

- The file www.webassign.net/manual/WA_Student_Quick_Start.pdf tells you how to enroll in WebAssign for this class.
- You **MUST** use the following class key for WebAssign registration:
Section 2 sjsu 0728 4666
Section 8 sjsu 1841 7300
PLEASE MAKE SURE that you use the correct class key for your section.
- So that I can properly identify you, please use the name that you used to register at SJSU.
- If you encounter any problem, try to use the WebAssign Student Support at <https://webassign.com/support/student-support/> .
- Start your homework early.
Quizzes are timed, i.e., once you start the quiz, you will have only a limited amount of time to complete it.
Excuses such as “I do not have access”, “The system was down”, “My internet connection dropped”, or “My computer crashed” are not acceptable. It is your responsibility to have a working computer, to have a reliable internet connection, to have access to WebAssign, and to ensure yourself enough time to finish the work.
- WebAssign reads your answers in a strict way. If you are not familiar with WebAssign, use Student Help to learn how to input answers. For example, read www.webassign.net/manual/student_guide/t_s_answering_calcpad.htm .
- Doing your homework and taking your quizzes online indicate your agreement that the submitted work is your own work, done by you, without any outside help. Please understand the definitions and consequences of academic dishonesty.

Classroom Protocol

Read the information at <http://www.sjsu.edu/math/courses/greensheet/> .
Cell phone use is strongly discouraged.

University Policies

Read the information at <http://www.sjsu.edu/math/courses/greensheet/> .