

**Instructor:** Fred Kuczmarski

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**Hours:** 10:30-11:20 daily and by appointment.

**Text:** *Calculus: Early Transcendentals, Sixth Edition*, James Stewart

**Prerequisites:** Math 152 (previously Math 125) (2.0 or above) or equivalent

**Topics:** Vectors and Three-Dimensional Geometry (12.1 - 12.5)

Vector-valued functions (13.1-13.4)

Functions of two and three variables (14.1-14.6):

Partial derivatives, linear approximation, the chain rule, directional derivatives, the gradient

Sequences and Series (11.1-11.10)

**Course Objectives:** Master the content of the course. Continue to develop problem-solving skills. Learn to write clear and precise mathematics in complete sentences.

**Quizzes:** There will be approximately one or two quizzes per week. These will usually not be announced in advance. No makeups are permitted. Please purchase a **blue book** and bring it to class everyday for the quizzes.

**Tests:** There will be four tests - the tentative dates are October 1, October 20, November 10, and December 1. Any changes to these dates will announced in class. Makeups will be given only in the event of illness or emergency, provided you contact the instructor **BEFORE** the exam. Each test will cover material since the beginning of the course. No notes will be permitted.

**Final:** The final is on Tuesday, December 7, 11:30am -1:20pm. It will be comprehensive. No notes will be permitted. This date is set by the college and cannot be changed for any reason. Please plan to attend.

**Homework:** Homework problems from the text will be assigned but not collected. To do well in this class it is essential that you do the homework daily.

**Collected Homework:** Homework may be assigned in class and collected the following day. You will be graded on the clarity of your work as well as its mathematical accuracy. Please follow the following guidelines:

1. Use standard-size paper without tears or fringes.
2. Staple any work that is more than one page.
3. Write neatly in pencil. Work should proceed vertically down the page. Do not cross out errors. If you find yourself erasing extensively, stop and start again on a fresh page.
4. Use a straight edge for coordinate axes. Label axes with variables and units.
5. State the problem at the top of the page.
6. Include an accurate picture (if appropriate).

7. Define any variables you introduce. Include units in the definition if appropriate.
8. Include brief but sufficiently clear explanatory sentences throughout the solution.
9. Use correct mathematical notation.
10. End with a concluding sentence that answers the question with the correct units.

**P/NC Option Grading:** Those students choosing this option must do so by October 26 by submitting a Pass-Option Card (signed by the instructor) to the registration desk, otherwise a decimal grade will appear on your transcript. If an emergency situation occurs after this date that affects your ability to attend class and perform class work, you may fill out a form formally requesting a Z-grade. This request may be granted or denied, depending on the situation.

**Withdrawals:** The last day to withdraw from class is November 3.

**General Comments:** To master the material, it is essential that you set aside time **each day** to think about the homework problems and the concepts introduced in class. You should plan on spending an average of twelve to fifteen hours per week outside of class.

**Cheating and Plagiarism:** Any student caught cheating on a quiz or a test will get a 0.0 for the course.

**Emergencies:** If school is closed for any reason, we will start where we left off when class resumes. If we were scheduled to have an exam the day school is canceled, the exam will take place the first day back at school.

**Special Services:** Students with disabilities have the right to request and receive reasonable accommodations to ensure access to programs and facilities at Shoreline Community College. To receive reasonable accommodations, students are responsible for requesting accommodations and documenting the nature and extent of their disability in a timely manner. Students should direct their requests for reasonable accommodation to the Services for Students with Disabilities office. Contact Shoreline's coordinator of Services for Students with Disabilities at 546-5832 or 546-4520 (TTY) in the Foss Building, Room 2133J for more information or for an assessment of your individual needs.

**Electronic Devices:** All electronic devices, including cell phones and laptops, must be turned off during class.

**Grading:** The grade will be based on the following. The point distribution shown below is approximate and is subject to change.

Quizzes	15 @ 5 points each for 75 points
Tests	4 @ 40 points each for 160 points
Final	1 @ 80 points

The grading scale is linear and will be approximately as follows:

95%: 4.0      80%: 3.0      65%: 2.0

The content of this syllabus is subject to change at the discretion of the instructor. Any changes will be announced in class.