

**MVLA  
2025-26  
COURSE INFORMATION SHEET**

**Course Title:** Calculus

**CTE Pathway Sequence (if applicable)**

**School:** MVHS

**UC/CSU requirement:** Yes/Yes

**MVLA Graduation requirement:** Math

**Textbook and/or other learning resources:** Calculus by Finney, Demana, et al, Fourth Edition

**Course Description/Student Learning Outcomes:**

Calculus is a capstone math course. Students will gain experience with many mathematical concepts and use the concepts to model mathematics and problem solve. This course prepares students for subsequent course work in college-level calculus. Specifically, students will be able to:

1. Solve problems involving limits.
2. Solve problems involving derivatives.
3. Solve problems involving definite integrals.
4. Solve problems involving the Fundamental Theorem of Calculus.

**Course Outline/Units of Study/CTE Industry Standards(If applicable to your course):**

Limits, Derivatives, Applications of Derivatives, Integrals, Applications of Derivatives, Differential Equations

**Assessment and Grading (BP 5121 / AR 5121):** To ensure that every student has an equal opportunity to demonstrate their learning, the course instructors implement aligned grading practices and common assessments with the same frequency.

1. Grading categories and their percentage weights:

A student's grade will be determined as follows:

- Homework: 10%
- Quizzes: 15%
- Chapter Tests: 50%
- Final Exam: 25%

2. Achievement evidence collected within each grading category:

**Homework:** Equally weighted daily homework assignments will make up the 10% weight of this grading category.

**Quizzes:** Equally weighted bi-weekly (roughly after 3-4 lessons) quizzes will be used to help students monitor their progress towards mastery.

**Tests:** There will be summative assessments at the end of each chapter. Each test is cumulative, covering material from the beginning of the semester. Each summative assessment will build on the concepts students have mastered to date.

**Final Exam:** There will be a cumulative semester 1 final summative assessment, and a cumulative semester 2 final summative assessment.

3. Grading scales:

- A 90%-100%
- B 80%-89.99%

- C 70%-79.99%
- D 60%-69.99%
- F 50%-59.99%

4. Homework/outside of class practices ([AR 6154](#)):

Students are expected to participate in class by bringing completed work each day, joining in discussions, and completing in-class assignments. Students must be prepared and collaborate in-class activities.

5. Excused absence make-up practices ([Education Code 48205\(b\)](#)):

If a student is not present on the day of a test, it will be made up by the score of the final exam. If a student is not present on the day of a quiz, it will be replaced by the unit test score. If a student already knows about their absence, it is their responsibility to arrange to take the exam ahead of time

6. Academic integrity violation practices ([LAHS Academic Integrity Policy](#) / [MVHS Academic Integrity Policy](#)):

Honesty, trust, and integrity are vital components of the educational process. Examples of academic integrity violations include but are not limited to, copying homework, allowing someone else to copy your work, plagiarism, copying from another's exam, improperly obtaining and/or using tests, and the use of unauthorized notes/materials on exams. Please refer to the Academic Integrity Policy outlined in the Parent/Student Handbook for information about violations of Academic Integrity and how violations will be handled.

7. Late work practices:

Completing work on time is highly recommended, as it allows students to reinforce content knowledge and practice skills in class, and for the teacher to provide better feedback. The result is increased learning and higher grades. Complete assignments will receive full credit when submitted before due time on Canvas. Late completed assignments will be accepted until the end of a unit and will receive up to 70% credit. Incomplete assignments and assignments submitted after the unit test will not receive credit.

8. Revision practices:

- **Quizzes:** Cannot be made up after absence; will be replaced by unit test percentage.
- **Tests:** If test percentage is higher than prior quiz(es), quiz(es)' score will be replaced by the same percentage. Since tests are cumulative, if higher, the current unit test score will replace the most recent test score.
- **Final Exam:** If higher, will replace lowest test score in the semester.

9. Extra credit practices:

There is no extra credit in this course.

10. Additional grading practices:

Gradebook Update Policy: All student work will be updated in Aeries approximately every two weeks.

11. LMS Used: Canvas

**Instructors' email addresses:**

[Jennifer.Chiu@mvla.net](mailto:Jennifer.Chiu@mvla.net)

**Additional information:**

- Digital devices can only be used in class at the teacher's discretion and should be used in line with the MVLA Digital Device and Behavior Policies as outlined in the Parent/Student Handbook. While working in a digital and collaborative environment, students should always conduct themselves as good digital citizens.