

**MVLA
2019-20
COURSE INFORMATION SHEET**

Course Title: Calculus

School: Mountain View High School

UC/CSU requirement: Yes/Yes, c

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

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.

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:
25% Final Exam
50% Tests
15% Quizzes
10% Homework
2. Achievement evidence collected within each grading category:
Final Exam: There will be a cumulative semester 1 final summative assessment, and a cumulative semester 2 final summative assessment.
Tests: There will be three summative assessments each semester. Each summative assessment will build on the concepts students have mastered to date and will increase in weight as the assessments cover more material as follows: 20%, 30%, 50%.
Quizzes: Equally weighted bi-weekly quizzes will be used to help students monitor their progress towards mastery.
Homework: Equally weighted daily homework assignments will make up the 10% weight of this grading category.
3. Grading scales:
The following scale will be used for determining semester grades.
90% - 100% A
80% - 89.99% B
70% - 79.99% C
60% - 69.99% D
50% - 59.99% F
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\(b\)](#)):
Absent students are expected to see their teacher the day they return to arrange any make-up work. Tests, quizzes, and homework missed due to unexcused absences cannot be made up.

6. Academic integrity violation practices ([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 checked in class. Late completed assignments will be accepted until the end of a unit and will receive up to 80% credit. Incomplete assignments will receive partial credit.
8. Revision practices:
Each test is cumulative, covering material from the beginning of the semester. The cumulative assessments will give students multiple opportunities to demonstrate understanding and to improve their grade. Each consecutive cumulative assessment score will replace the previous assessment score only if the score is higher. Revision practices apply to the grading category of tests only.
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.

Instructor's email address:

Bill.Dunbar@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.