

**MVLA
2024-25
COURSE INFORMATION SHEET**

Course Title: AP Calculus BC Course # AA5011

School: MVHS

UC/CSU requirement: Yes/Yes

Textbook and/or other learning resources: Calculus: Graphical, Numerical, Algebraic

By Finney, Demana, Waits, Kennedy. Published by Prentice Hall

Course Description/Student Learning Outcomes:

Calculus BC is recommended for students who have a thorough knowledge of elementary functions, college preparatory algebra, geometry, and trigonometry. This class is meant for students who have completed Math Analysis Honors. Major areas of study cover limits, functions, and the development of the differential and integral calculus of functions on one variable. Students are prepared to take the Advanced Placement Calculus BC examination.

Course Outline/Units of Study:

Limits, Derivatives, Applications of Derivatives, Integrals, Applications of Derivatives, Differential Equations, Improper Integrals, Calculus of Parametric and Polar functions, In finite Series

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.

Grading categories and their percentage weights:

10% Homework/Classwork
15% Quizzes/Tests
50% Midterms (2)
25% Final Exam (1)

Achievement evidence collected within each grading category:

Homework: Will be assigned every night.

Classwork: Participation in lessons, discussions, and notes

Quizzes/Tests: : At the end of each chapter there will be a test.

Midterms: There will be two midterms. One midterm after chapter 4 and another midterm after chapter 6.

Final Exam: At the end of the semester there will be a cumulative Final Exam

Grading scales:

A- 90 to 92.49%	A 92.5 to 100%	
B- 80 to 82.49%	B 82.5 to 87.49%	B+ 87.5 to 89.99%
C- 70 to 72.49%	C 72.5 to 77.49%	C+ 77.5 to 79.99%
D- 60 to 62.49%	D 62.5 to 67.49%	D+ 67.5 to 69.99%
F 50 to 59.99%		

Grades will adhere to the percentages above. No rounding.

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

Students should expect to spend 45-60 minutes every night on homework in addition to the work done during class time.

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

If a student is not present on the day of a midterm, it will be made up by the score of the final exam. If a student is not present on the day of a quiz or test, it will be replaced by the next midterm 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](#)):

We will follow the MVHS Academic Integrity Policy

7. Late work practices:

Complete assignments will receive full credit when checked in class. Incomplete assignments will be given partial credit. Late or missed assignments will receive half credit

8. Revision practices: If a student takes all the quizzes/tests, the lowest quiz/test score in each unit will be replaced by the following midterm score if the midterm score is higher. The lowest midterm score will be replaced by the final exam if the final exam score is higher.

9. Extra credit practices:

There is no extra credit.

10.Additional grading practices: None

11. LMS Used: Canvas

Instructors' email addresses:

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Additional information: