

**MVLA
2025-26
COURSE INFORMATION SHEET**

Course Title: AP Calculus BC

School: LAHS

UC/CSU requirement: Yes/Yes

Textbook and/or other learning resources: 1) Stewart, Single Variable Calculus Early Transcendentals 6E, 2010
2) TI-84 is required for the class

Course Description/Student Learning Outcomes:

This is an advanced placement college level mathematics course. The student will be prepared for the advanced placement Calculus BC examination, the successful completion of which may result in advanced placement and/or credit at the college level. The course outline follows the syllabus prescribed by the College Board. This course covers differential and integral calculus of a single variable. Lecturing, class discussions, group work, and student's individual work will be the main modes of instruction.

Course Outline/Units of Study:

Course content, outlined by the College Board, falls under the following topics:

- 1: Limits and Continuity
- 2: Differentiation: Definition and Fundamental Properties
- 3: Differentiation: Composite, Implicit, and Inverse Functions
- 4: Contextual Applications of Differentiation
- 5: Analytical Applications of Differentiation
- 6: Integration and Accumulation of Change
- 7: Differential Equations
- 8: Applications of Integration
- 9: Parametric Equations, Polar Coordinates, and Vector-Valued Functions
- 10: Infinite Sequences and 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.

1. Grading categories and their percentage weights:

Semester 1		Semester 2	
Tests and Projects	55%	Tests and Projects	55%
Quizzes	20%	Quizzes	20%
Mini-Projects	10%	Mini-Projects	10%
Semester Final	15%	AP Test Practice	15%

2. Achievement evidence collected within each grading category:
Semester grades will be determined on the basis of performance on tests, quizzes, homework, classwork, and (for the second semester) practice AP Tests.
3. Grading scales:
A 90% to 100% **B** 80% to 89% **C** 70% to 79% **D** 60% to 69% **F** below 60%
4. Homework/outside of class practices ([AR 6154](#)):
Daily homework assignments are due at the beginning of the following class and will be checked for effort and completion. If a student has an excused absence, daily homework will be accepted with one extra class day allowed for each day of the absence.

Lessons will begin in the classroom, with the expectation that students complete the notes as part of the homework. Lessons and notes can be found in the Stewart textbook. The student will be expected to do daily assignments. Daily assignments include notes, homework, in class assignments, and digital assignments on Albert.io or AP Central. All homework should be completed before class begins. In addition to daily assignments, quizzes will be given most class periods. A test will be taken at the end of each unit. A dedicated math notebook/binder is required to preserve all assignments and notes.

A TI-84 calculator is required for the class. Students may check a TI-84 calculator out of the LAHS Book Room. For assessments, students are required to use the class provided TI-84 calculators.

5. Excused absence make up practices ([Education Code 48205\(b\)](#)):
Students who know they will be missing class ahead of time must inform the instructor via e-mail at least two days prior to schedule make-up of the work. All missed assignments are due within the same number of days as the absences. If you have an excused absence on the day of a quiz, the quiz will be excused (No make-up quizzes will be given). Students only have two days to make-up tests after an absence. Unexcused absences are not covered under the above policy and will result in a score of zero.
6. Academic integrity violation practices ([LAHS Academic Integrity Policy](#)):
Honesty, trust and integrity are vital components of the education process. The Governing Board believes that academic honesty and personal integrity are fundamental components of a student's education and character development. The Board expects that students will not cheat, lie, plagiarize or commit other acts of academic dishonesty. Students and families should understand and act upon the values of academic integrity and should encourage the highest standards of academic behavior from themselves and their peers.

It is assumed that all work completed for a class is original work created for that class, for a specific assignment. Please refer to the Academic Integrity policy in the student handbook. For categories A and B, the "V" will be worth zero with no opportunity of point recovery. For violations in category C students will receive a failing grade in the course.

Below are examples of each category:

Category A: Minor Violations

This category involves violations related to smaller assignments such as classwork and homework.

Examples:

- Using an online answer key (either teacher-made or from a third party) and claiming the work as one's own.
- Using technology in an unethical manner to complete assignments, including but not limited to cell phone applications (such as PhotoMath, Mathway, Symbolab, etc.), use of Ai technology, and sharing pictures via social media websites.

Category B: Major Violations

This category involves violations related to major grade book entries such as quizzes, tests, projects, and final exams.

Examples:

- Sharing or requesting any information from a test with another student who has or has not taken the test.
- Unauthorized use of technology during an exam (e.g., cell phone, smart watch, etc.).
- Violating any assessment rule provided by the teacher within the parameters of the assessment.

Category C: Severe Violations

This category involves severe violations that compromise the integrity of the educational process.

Examples:

- Accessing a teacher's gradebook to alter grades.
- Stealing any assessment from the class that is not authorized by the teacher to leave the classroom.

7. Late work practices:
Late credit will not be granted in this course unless the student had an excused absence.

8. Revision practices:

Students will be able to receive credit for quiz corrections. Daily assignments, final exams, and semester projects will not receive credit for revision.

Students will have the opportunity to improve each test score through corrections. In addition, there will be an opportunity to replace the lowest test score each semester. This could take the form of a retake, a replacement by another assessment, or another in class assignment. The teacher will announce plans for this remediation at the end of the semester.

9. Extra credit practices:

Extra credit will not be granted in this course.

10. Additional grading practices:

Group Work

Students will work in groups during class discussing homework solutions and class projects. Grades for group engagement and for contribution in projects will be for individual performance; no group grades will be given.

11. LMS Used: Teacher dependent

Instructors' email addresses:

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