

**MVLA
2025-26
COURSE INFORMATION SHEET**

Course Title:	Algebra II Honors
School:	Los Altos High School
UC/CSU requirement:	Yes/Yes
MVLA Graduation requirement:	May be used to count toward the two-year math requirement for MVLA graduation.
Textbook and/or other learning resources:	<i>Algebra and Trigonometry</i> ; Paul A. Foerster, graphing calculator (can rent from the textbook room), three-ring binder, graph paper, colored pen(s)

Course Description/Student Learning Outcomes:

Students will formulate solutions to problems based on applications of mathematical principles. Students will be asked to analyze data, to organize information, and to relate the information to a similar problem to formulate a solution. Students will be expected to apply mathematical skills at an advanced level and to demonstrate an ability to use mathematics in practical applications of life and physical sciences. Students will be expected to write mathematical solutions to problems in a clear and meaningful way. Students will present their work to the class and explain solutions to problems, using the whiteboard, projector, chart paper, and/or graphing calculators. Specific topics of interest include linear, polynomial, rational, irrational, exponential, and logarithmic functions, Systems of equations, sequences and series, and complex numbers.

Course Outline/Units of Study:

- Field Axioms and Number Sets
- Functions and relations
- Linear functions
- Systems of linear equations and inequalities
- Quadratics and complex numbers
- Exponential and logarithmic functions
- Rational functions
- Irrational functions
- Basic conic sections
- Higher degree functions and complex numbers
- 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:

Tests and Projects	50%
Quizzes	20%
Homework and Classwork	10%
Final	20%

2. Achievement evidence collected within each grading category:

Grades will be determined on the basis of performance on homework, quizzes, projects, and tests. Teachers collaborate in the creation of the assessments and agree on standards and practices when grading each test.

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 completion. No late daily work will be accepted for credit. If a student has an excused absence, homework will be accepted with one extra day allowed for each day of the absence. Homework assignments for an absence will be checked along with the next day's assignment.

The student will be expected to read the material in the textbook prior to the day of that lesson. The students will be expected to complete daily reading notes and problems. All homework is to be completed before class begins. In addition to daily homework, quizzes will be given about once a week. A test will be given at the end of each chapter. A dedicated 3-ring binder/spiral notebook is required for notes and homework problems.

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

If the student has an excused absence, it is the student's responsibility to find out what work is missing. All missed assignments are due within the same number of days as the excused absences; however, 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 gradebook 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 and/or test corrections.

Homework assignments, final assessment, and semester projects will not receive credit for revision.

Quizzes and tests with academic integrity violations will not be eligible for revision.

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, working on challenge problems, and for 2 projects. Grades for group engagement and for contribution in projects will be for individual performance; no group grades will be given.

11. LMS used: Canvas

Instructors' email addresses:

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