

**MVLA
2025-26
COURSE INFORMATION SHEET**

Course Title: Statistics

School: LAHS

UC/CSU Requirement: Yes

Textbook and/or other learning resources: OpenIntro Statistics, 4th Edition, by David Diez, Mine Cetinkaya-Rundel, and Christopher D Barr.

Course Descriptions

This course is a practical hands-on approach to the study of statistics and probability. The topics include the use of graphs such as histograms, stem plots, time plots, and scatter plots to display data, using numbers such as median, mean, and standard deviation to describe data, and evaluating data distribution. Students examine relationships using correlations and least square regressions. They calculate the probability of simple and compound events. They learn to estimate with confidence as well as to explore tests of significance, and to evaluate the validity of statistics contained within published reports.

Upon completion of this course, students will be able to:

- Explore data, observe patterns and departures from patterns.
- Plan studies, deciding what and how to measure.
- Anticipate patterns in advance, producing models using probability and simulation.
- Utilize statistical inference to confirm models.
- Formulate and defend reasoned positions after analyzing data.
- Apply statistical tools to explore topics relevant to LAHS students.

Required Materials

Binder w/ tabs: Class Activities, Note Packets, Formulas, Other
Calculator
Pencils & Erasers
Color pens (in additional to black)

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:

- Unit Tests 40%
- Unit Quizzes 25%
- Assignments (Classwork, Homework, Etc.) 15%
- Finals/Projects 20%

2. Achievement evidence collected within each grading category:

Grades will be based on exam scores, quiz scores, daily homework completion, classwork, and project scores. Projects will be scored using a rubric that will be distributed in advance.

3. Grading scales:

A+ 98.00 to 100%
B+ 87.00 to 89.99%
C+ 77.00 to 79.99%
D+ 67.00 to 69.99%
F 59.99 to 0%

A 94.00 to 97.99%
B 84.00 to 86.99%
C 74.00 to 76.99%
D 64.00 to 66.99%

A- 90.00 to 93.99%
B- 80.00 to 83.99%
C- 70.00 to 73.99%
D- 60.00 to 63.99%

4. Calculators:

TI 84 or TI Nspired are recommended for this class.

Only class set calculators (TI 84) can be used during assessments. Otherwise, all other calculators are prohibited.

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

Daily assignments will be assigned and will be periodically checked/graded upon completion.

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

If a student has an excused absence, daily homework will be accepted with one extra day allowed for each day of the absence. If a student has an excused absence only the day of a test or quiz, the missed assessment will be taken the same day of returning to school.

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

8. Late work practices:

Late assignments will be accepted for half credit up until the day of the chapter test.

9. Revision practices:

Students are offered retakes on unit quizzes and tests. Final scores will be the average of the original score and the retake score. Final scores are capped at 75%.

Retake deadlines are provided by the teacher and must be completed during ACT. It is the students' responsibility to schedule this ACT session (appointment only) with the teacher.

10. Extra credit practices:

No extra credit will be assigned or given.

10. All work must be completed in pencil.

Colored pens are to be used exclusively for corrections.

Please be advised: if your work is not legible, it will not be graded and a score of 0 will be given.

11. LMS Used:

- Aeries
- Student's Calendar (Shared by the teacher)
- Canvas

12. Additional grading practices:

None

Instructors' email addresses:

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Additional Information:

[Student & Parent Handbook](#)

[MVLA Zoom Norms & Expectations](#)