Deer Valley Unified School District

Drew Tutt **E205**
AP Statistics **(623)376-3155**
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Course Description:

This course is designed to meet the requirements of the Deer Valley Mathematics Curriculum and is aligned with Arizona Common Core Standards and/or national standards with an emphasis on the mastery of skills necessary for successful completion of the AP exam.

Course Outcomes:

Topical Outline for AP Statistics*

- Constructing and interpreting graphical displays of distributions of univariate data (dotplot, stemplot, histogram, cumulative frequency plot)
  Summarizing distributions of univariate data
  Comparing distributions of univariate data (dotplots, back-to-back stemplots, parallel boxplots)
  Exploring bivariate data
  Exploring categorical data
- Overview of methods of data collection
  Planning and conducting surveys
  Planning and conducting experiments
  Generalizability of results and types of conclusions that can be drawn from observational studies, experiments, and surveys
- Probability
  Interpreting probability, including long-run relative frequency interpretation
  Combining independent random variables
  The normal distribution
  Sampling distributions
- Estimation (point estimators and confidence intervals)
  Tests of significance

*Advanced Placement Course Description, The College Board

Classroom Rules:

- Do not talk when the teacher is talking.
- Come to class prepared (i.e. materials).
- No gum, food, or drink in classroom.
- Electronic devices, other than a calculator, are not to be visible or used in the classroom.
- Show respect for teacher and classmates (Golden Rule).
- Do not write on/in classroom texts, desks, or walls.

Consequences:

1. Warning
2. A phone call home and an after school detention with instructor.
3. A phone call home and a referral written.

- Instructor will go directly to step 3 when deemed appropriate.

The Deer Valley Unified School District does not discriminate on the basis of race, color, national origin, sex, disability, or age in its programs and activities. For any inquiries regarding nondiscrimination policies contact the Superintendent's Department, 20402 N. 15th Avenue, Phoenix, AZ 85027. (623) 445-5000.

Make-up Policy:

Mountain Ridge students have within the current unit of study to turn in assigned work for full credit. However, students will have a minimum of a week to turn in assignments from the assigned due date even if the unit is completed. The unit of study is established by the teacher and the Department on campus.

Grading:

Assessments (chapter exams, quizzes, projects)	90%
Assignments, notebooks, activities	10%

Scale:

90-100%	A	80-89% B
70-79%	C	60-69% D
0-59%	F	*grading software rounds up

Test Retakes:

A student is allowed one per semester. The maximum allowable score is 80% and must be taken before the end of the semester before/after school by appointment.

Report Cards:

In an effort to conserve resources and harness the capacity of our electronic grade reporting program (PowerSchool) district schools will no longer print hard copies of report cards unless requested by individual parents. To request a hard copy of your student's report card, please contact the front office at 623-376-3000. To receive your PowerSchool login, please stop into the office with a valid photo ID.

Power School Online Access:

Grades and attendance may be accessed 24 hours a day online with your Power School access code. Access codes are available in the Counseling Office or Front Desk Monday – Friday 7:00 AM – 3:30 PM. You may check student progress regularly on the PowerSchool site using the same login for one or more students. For Mountain Ridge parents/guardians without home computer access, a computer with guest log-in capability is available in the Counseling Conference Room.

Academic Assistance:

In addition to the Academic Prep times built into our schedule each week, additional assistance/tutoring is provided on a weekly basis both by MRHS and individually by instructors. These office hours will be posted in my classroom, website, and/or Canvas at the start of each week. I will demonstrate to the students how to find my availability each week.

Daily Device Use (iPads)

Students should come to school with their iPads charged and ready to use every day. You may not use your device to record or take photos of other people without their consent. The consequences for the misuse of technology will follow the discipline plans of the teacher and the school.

Math Calculator Policy:

A Ti-83 or above calculator is necessary for the successful completion of all math classes at Mountain Ridge High School.

Suggestions for Success:

- Keep a great notebook with extensive notes
- Complete all assignments
- Ask questions
- Get extra help – before or after school by appointment
- Do not miss class
- Think positively, don't give up!