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UNION GROVE HIGH SCHOOL
Course Syllabus

Instructor: Dock Gammage **Room #:** 224 **Year:** 2021-2022

Course Name and Code: Statistical Reasoning #4894.0

Textbook Used: Introductory Statistics from OpenStax, Print ISBN 1938168208,
Digital ISBN 1947172050, www.openstax.org/details/introductory-statistics

Special Materials: Three-ring binder, notebook paper, pencils, highlighter and scientific calculator. We will also use the TI-84 graphing calculator in class, in case you wish to purchase one of your own.

Course Description:

Statistical Reasoning is a fourth mathematics course option for students who have completed Algebra II or Advanced Algebra. The course provides experiences in statistics beyond the GSE sequence of courses, offering students opportunities to strengthen their understanding of the statistical method of inquiry and statistical simulations. Students will formulate statistical questions to be answered using data, will design and implement a plan to collect the appropriate data, will select appropriate graphical and numerical methods for data analysis, and will interpret their results to make connections with the initial question.

Course Outline and Content:

1st semester:

Statistical Problem Solving Process
Formulating Questions and Collecting Data
The Role of Randomness
Analyzing Data and Comparing
Distributions

2nd semester:

Bivariate Comparisons
Interpreting Results and Inference
Simulations and Margin of Error
Simulations and P-Value
Culminating Project

Projects: Each semester you will have a project that will be a major assessment grade.

Classroom Rules and Discipline Procedures:

All students must adhere to the rules and expectations outlined in the Henry County Schools student handbook and the Union Grove High School student handbook addendum.

1. Come prepared. Bring materials and homework, and have personal electronics turned off and placed in the caddy (see cell phone/electric device policy).
2. Be respectful of each other. Speak kindly, allow each other to learn, and keep your workspace and the classroom neat.
3. Work hard and ASK QUESTIONS - BELL to BELL.

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Hall Pass Policy:

Students are required to utilize and display the standard issued UGHS pass at all times while out of the classroom, failure to do so will result in disciplinary consequences. Students are also required to fill out the Google form prior to leaving the classroom and document their return time on the same form. Teachers will not give out hall passes during the first ten minutes or last ten minutes of class. It is the teacher’s discretion to allow or deny a hall pass request.

Chromebook Policy:

It is an expectation for students to have their charged Chromebook with them every day. Failure to do so will be regarded as “not being prepared for class.” Most handouts will be posted to Google Classroom, and textbook online resources will be utilized throughout the year to supplement classroom instruction. You will be responsible for bringing your own ear buds or headphones to use when watching videos as part of instruction.

Make-up Policy:

Attendance is extremely important. You miss valuable class discussions that help you master topics being covered when you are absent. The time during which makeup work must be completed should not exceed the number of days missed by the student. For example, a student who was absent for three days will have three days (maximum) to make up work. Makeup work for this student is eligible for maximum credit for correct work. **It is the responsibility of the student** to make arrangements on the first day back from an absence for making up missed assessments and secure all notes from classmates or from Google Classroom. Class time will not be spent completing make up work.

Grading System:

Practice Work	Assessment Tasks	Semester Summative Assessment Tasks
Such as quick checks, quizzes, classwork, homework	Such as constructed response assessments, selected response assessment, summative unit assessments, culminating performance tasks, projects.	Cumulative semester exam.
Counts 40% of the grade.	Counts 40% of the grade.	Counts 20% of the grade.

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Availability:

I will have a posted schedule of when I am available to help you and will answer your questions in any way I can unless I have duty, a meeting, or a parent conference. I will revise the schedule as needed to update changes in availability. ***Please contact Mrs. Mavis Mayfield in the counseling office if you wish to schedule a parent conference.**

Cell Phone/Electronic Device Policy:

The cell phone/electronic device policy begins when students enter the designated classroom area. All students will place all cell phones/devices in the teacher assigned caddy immediately upon entering class. During this time, cell phones must be turned off. Additionally, all smart watches, or other electronic devices connected to the phone must be caddied until the end of class. Cell phones/devices will remain caddied until the end of class. Students will NOT be allowed to take their phones/devices out of the room when they have a hall pass to the restroom, media center, etc. Students will be allowed to use cell phones/devices before first period, during lunch, and during class transition. **Bluetooth Headphones are not allowed unless the teacher has specified the use for an assignment.**

On Time Policy:

In order to be considered “on time” to class, the student must be across the threshold of the classroom or designated classroom area by the end of the tardy bell.

Unit Repair Plan:

In an effort to aid in student mastery, each UGHS student will have the opportunity to participate in Unit Repair. Statistical Reasoning students will have two (2) opportunities during the school year to complete unit repair. In order to receive this opportunity, the student must communicate with the teacher to receive instructions within two school days of receiving the graded assessment. Students will be required to complete coursework and/or before/after school tutoring as defined by the teacher to show a greater understanding of the material to reassess. The student has 2 weeks from the date the graded assessment is returned to complete the practice work and take the reassessment. The highest grade that a student can make for Unit Repair is a 75.

Exam Exemption:

To encourage and reward excellent attendance, each student may earn the right to exempt one (1) spring semester non-state required final exam. Each student must meet clear guidelines to qualify for this exemption. Please see our school website for all requirements and guidelines.

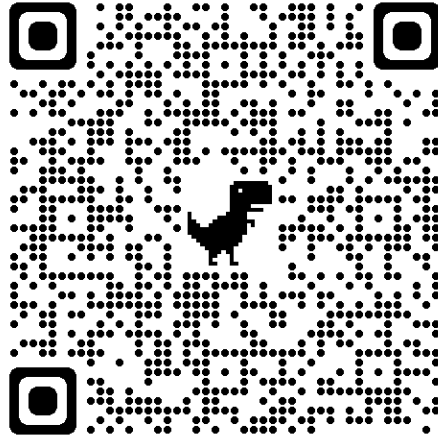
If you have academic or behavioral concerns/questions regarding your student, contact me (Mr. Gammage) at dock.gammage@henry.k12.ga.us.

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Please Complete and Submit the Linked Acknowledgement Form

[Student Acknowledgement Form](#)



[Parent Acknowledgement Form](#)

