Math is wonderful! In this course we will continue to focus on learning the core curriculum that has been established by the state of Utah. In terms you are more familiar with, Math 2 mainly focuses on the topics covered in Algebra 2 and a little bit of Geometry.

**Grading**
Grades will be based 70% on student concept mastery on assessments and 30% of their grade will be based on assignments and preparation. Grades may be kept in Canvas and Skyward.

<table>
<thead>
<tr>
<th>Grade</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>93-100%</td>
</tr>
<tr>
<td>A-</td>
<td>90-92%</td>
</tr>
<tr>
<td>B+</td>
<td>87-89%</td>
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<tr>
<td>B</td>
<td>83-86%</td>
</tr>
<tr>
<td>B-</td>
<td>80-83%</td>
</tr>
<tr>
<td>C+</td>
<td>77-79%</td>
</tr>
<tr>
<td>C</td>
<td>73-76%</td>
</tr>
<tr>
<td>C-</td>
<td>70-73%</td>
</tr>
<tr>
<td>D+</td>
<td>67-69%</td>
</tr>
<tr>
<td>D</td>
<td>63-66%</td>
</tr>
<tr>
<td>D-</td>
<td>60-63%</td>
</tr>
<tr>
<td>F</td>
<td>&lt;60%</td>
</tr>
</tbody>
</table>

**Late Work** will be accepted until the end of the current unit.

**Absent Work**
If you are absent if is your responsibility to get your missing work. You can come see me before or after school, during APP, ask a friend in the class for a copy of the notes you missed, and check Canvas. Copying anything other than notes is considered cheating and will not be accepted on the retake form.

**Retakes**
Students learn at different rates and all I care about is that the learning happens. Students will be able to redo assessments and assignments to improve their score. It is your responsibility that you come in during APP for the retakes. You must complete the check list and conference with the teacher before you will be allowed to retake any tests. The teacher may limit the retake-window based on content. No retakes are allowed on all finals. **No Extra Credit.**

**Hillcrest High School Rules and Expectations**
- Huskies always remove hats and follow the dress code.
- Huskies always eat lunch in designated areas and keep halls and restroom clean.
- Huskies always attend class on time, all the time, and never sluff.
- Huskies always show respect to and expect respect from all adults.

**Follow the Rules to Earn Rewards**
1. Positive note home.
2. Positive phone call.
3. Class rewards.

**Consequences for Not Following the Rules**
1. Verbal warning.
2. In class isolation.
3. Personal behavior contract.
4. Lunch detention and/or office referral.

If a student needs help following the class and school expectations, behavior contracts will be implemented. If the student doesn’t meet the requirements of the contract, consequences will be lunch detention and/or administrative involvement.
Course Expectations:
This course is required to graduate from high school. To earn graduation credit, you must earn at least 60% in all four quarters. To ensure credit is earned, students are expected to:

- Be in class regularly and on time.
- Work with effort during each class session and in small groups.
- Use your personal technology appropriately.
- Be kind, respectful, and considerate towards the other members of the class and me. Just as I expect only the best from you, I want you to expect the best from me.
- Come for Academic Preparation Period if additional help is needed.
- A lot of material is covered in this course and it is crucial that student’s stay caught up on assignments. In order to master the Math 2 course material, students should be spending at least 20 minutes after school (per school day), AND at least 30 minutes every weekend, working on their Math 2 homework. Homework should be prioritized in the following manner: Practice, reviewing notes, and test and quiz corrections.

Students will need for class each day:
1. A binder to organize daily notes and assignments.
2. A pencil for daily quizzes, notes, and assignments.
3. Calculator. We have a classroom set of TI-84 calculators for your use but they must remain in the classroom. Desmos is available for home use as a phone app or online.
4. A red or blue pen for corrections.

We will not be using a course textbook. The binder you will create will hold everything you will need to complete coursework and study for quizzes and tests.

Students are expected to stay in the classroom for the entire period. Use of the hall pass will be for emergency situations only.

Communication-
The best way for parents to reach Mrs. Klekas is through district email at Kristina.klekas@canyonsdistrict.org. You may also contact me by office phone 801-826-6112. I will communicate deadlines and other information to parents through skyward alerts that send mass emails. It is important that you have an updated email in our system. I will also communicate with your student through the remind APP-see below, this is not mandatory but very helpful. You can also add yourself as a parent connected to that student and see all the information they receive.

What if you don't have a mobile phone?
Go to rmd.at/kklekas-s2 on a desktop computer to sign up for email notifications.
Return this signed document to Mrs. Klekas as soon as possible.
By signing below you are indicating that you have read the Secondary 2 Mathematics disclosure document and that you understand and will follow the policies of the class.

Please Print Neatly

Class Period: __________

Student Name:

__________________________________________________________________________

Signature: __________________________________________________ Date: __________

Parent/Guardian Name:

__________________________________________________________________________

Signature: __________________________________________________ Date: ________

Parent Contact Information (email is my preferred method of communication)

email: ______________________________________________________________________

phone: __________________________ mobile or home (circle one)

phone: __________________________ mobile or home (circle one)
Math 1030
Quantitative Reasoning
Fall Semester 2019

Teacher: Mrs. Klekas   Room: S213
Email: kristina.klekas@canyonsdistrict.org
Class website on Canvas is through SLCC not Hillcrest High School. Access Canvas at https://slcc.instructure.com or use the link that can be found by logging into HHS Canvas. To sign up for remind text @kklekas-ce to the number 81010

Textbook: This course will use Math in Society by David Lippman, the founder of My Open Math. The book is an OER (open education resource) and is available free online in PDF format. If you prefer reading from print, you can purchase a bound printed copy from Amazon for $15 + shipping. The text is also hyperlinked in CANVAS.

Course Description: This is a course in modern mathematics. We will be exploring a number of topics that have been developed fairly recently in the mathematical world, along with some more traditional ones. Topics will include trigonometry, voting theory, graph theory, growth models, finance, probability and statistics. This class will be nothing like your intermediate algebra course. If you prefer equations and expressions, this is not the class for you. This course looks at topics that might not seem like math to you, and many of these topics will be explored in the context of their applications. The purpose of this course is to expose you to the wider world of mathematical thinking. This course emphasizes the power of quantitative thinking and the power of numbers in solving and dealing with real world scenarios. You will come to understand that there is more to mathematics than expressions and equations. Math 1030 is a terminal math course, meaning it does not prepare you for any other math class.

Format of the Course:
The course is divided into 10 modules. In each module you will have in class lecture and practice as well as the book and resource videos to provide the theory and skills needed to approach the exercises, quizzes, and writing assignments. The videos should be used to supplement the reading and class lecture, not replace it, as there is a lot of content that is not included in the videos. The videos are usually 3-5 minutes long and will be helpful in developing your understanding of the material.

Unlike algebra classes, this class is about solving problems, not just replicating skills, so some questions may not be exactly like problems in the book. For those, you will need to figure out how to adapt what you've learned to solve the new and different problem.
**Online Exercises:** There will be a set of online exercises assigned in each module. These exercises will allow you to explore and practice the material from the module. These are required, graded and will have due dates set in Canvas. Each question may be attempted three times if needed. After the third attempt the answer will be shown allowing you to self-diagnose your mistake. You can then try similar problems to improve your score. Please ask your instructor or go to the SLCC tutoring center if you have questions about an exercise.

**Skills Quiz:** There will be a "Skills Quiz" in each module. These are required, graded and will have due dates set in Canvas. The Skills Quiz will consist of problems similar, but not necessarily identical, to the homework problems. The Skills Quiz will test your understanding of the material and your ability to perform any procedures or techniques presented in that module. These quizzes are not timed. Each question on the quiz allows you to try three times before the answer is shown. You cannot try a similar problem to improve your score. The quizzes are open book.

**Written assignments and Projects:** Additionally, each module will include a written assignment or a project. These assignments will be a more open-ended question that usually requires a bit more work, conceptual understanding, possibly some outside research, and may require a written solution or explanation. These questions provide a less procedural exploration of the topic being covered, focusing on critical thinking and quantitative reasoning.

**Learning Outcomes**
The course learning outcomes describe what abilities and skills a successful student is expected to develop and demonstrate in this course. While often related, these are separate from the course content (the specific topics covered). They are as follows:

1. Apply mathematics-based skills used in college and career, including reasoning, planning, and communication, to make decisions and solve problems in applied situations.
2. Analyze right triangle trigonometry.
3. Apply a variety of voting methods to determine a winner of various elections.
4. Use graphical algorithms to solve problems related to graph theory.
5. Use and interpret linear, exponential, and logistic growth models.
6. Perform calculations relating to annuities and amortized loans. Use amortization schedules. Explain the impact of various investment options.
7. Find descriptive statistics from raw data. Create frequency distributions and histograms from raw data. Interpret and make appropriate claims from data.
8. Create and interpret statistical charts and tables. Determine valid claims from charts and tables.
9. Calculate probability, odds, and expected value. Interpret the law of averages.
10. Calculate probabilities, percentages, and percentiles using the Normal Distribution

You will be able to meet the learning outcomes by coming to class, reading the book, making sure you understand the examples in the book, watching recourse videos, working through the online exercises, and seeking out assistance if you have difficulties. You will, of course, also need to apply your critical thinking skills, since part of the purpose of this course is to expand your ability apply the skills you've learned to new and different scenarios. In real life, problems rarely tell you how to solve them.

**Graded Items**
- Online exercises in Canvas(MOM)
- Skills Quiz in Canvas(MOM)
- EPortfolio Submission
- Three (3) projects
- Three (3) proctored exams
- A proctored comprehensive final exam
Grade Weights: Your grade is weighted with the following distribution:

- Exercises - 10%
- Skills Quizzes - 10%
- Written Assignments/Projects/ePortfolio - 15%
- Exam 1 – 15%
- Exam 2 – 15%
- Exam 3 – 15%
- Final – 20%

Your weighted percent in the class will be converted to a letter grade via this scale:

- A 100 - 93%
- A- 92 - 90%
- B+ 89 - 87%
- B 86 - 83%
- C+ 79 - 77%
- C 76 - 73%
- C- 72 - 70%
- B+ 69 - 67%
- B 66 - 63%
- D 62 - 60%
- E below 60%

Due Dates: Late work will only be accepted up to the day of the exam covering that material and will only be worth 70%. No make-up/late work will be accepted after the test has been given covering that material. If you are absent, you are still required to meet Canvas deadlines. Do not wait until the last minute to begin your assignments, as it does not allow time to seek out assistance if needed.

Exams: All exams will be closed book and will be taken during a scheduled class period. Advanced notice is required for absences on exam days. If no notice is given you will receive a zero. Full credit will only be awarded on test problems only if your work can be readily followed and solutions are precise and clearly indicated. No exam score will be dropped. If you miss an exam, your score on the final exam will replace the missing exam score. If you have no missing exam scores, then your final may replace your lowest exam score, if it is higher.

Comprehensive Final: The final exam will cover all the objectives for the course. It must be taken on the date and time specified in the Class Schedule for the current semester. The final exam is a standardized departmental comprehensive examination. All students must take the final exam. It is an SLCC Math Departmental policy that students attaining a score of less than 60% on the final shall receive a grade no higher than "C-" for the course.

General Education Statement: This course fulfills the Quantitative Literacy (QL) requirement for the General Education Program at Salt Lake Community College. It is designed not only to teach the information and skills required by the discipline, but also to develop vital workplace skills and to teach strategies and skills that can be used for life-long learning. General Education courses teach basic skills as well as broaden a student’s knowledge of a wide range of subjects. Education is much more than the acquisition of facts; it is being able to use information in meaningful ways in order to enrich one’s life.

While the subject of each course is important and useful, we become truly educated through making connections of such varied information with the different methods of organizing human experience that are practiced by different disciplines. Therefore, this course, when combined with other General Education courses, will enable you to develop broader perspectives and deeper understandings of your community and the world, as well as challenge previously held assumptions about the world and its inhabitants.

General Education ePortfolio: Each student in General Education courses at SLCC maintains a General Education ePortfolio. Instructors in every Gen Ed course will ask you to put at least one assignment from the course into your ePortfolio, and accompany it with reflective writing. It is a requirement in this class for you to add one of the three class projects to your ePortfolio with your reflections about the project. Your ePortfolio will allow you to include your educational goals, describe your extracurricular activities, and post your resume.
When you finish your time at SLCC, your ePortfolio will then be a multi-media showcase of your educational experience. For detailed information visit [http://www.slcc.edu/gened/eportfolio](http://www.slcc.edu/gened/eportfolio) If you would like to start your ePortfolio in a computer lab with a person there to help you, please visit an ePortfolio Lab on the Taylorsville-Redwood, Jordan or South City Campus during business hours, and staff will help you without an appointment. For lab hours and locations please look at the following site: [http://eportresource.com/lab-information.html](http://eportresource.com/lab-information.html)

**Withdrawal Policy:** The last day to drop the course with 100% refund and the last day to withdraw from the course with no refund are indicated in the schedule. These dates are also available online at [http://www.slcc.edu/academiccalendar](http://www.slcc.edu/academiccalendar); students enrolled in the course after the last day to withdraw will receive letter grades.

**Academic Honesty:** In this course, you will have the opportunity to work in collaboration with other students. However, whether working in a group or individually, the work must be your own or that of the group’s. Presenting others’ work as one’s own, or assisting another student in doing so is considered cheating. Students found cheating will receive an E for the course.

**EXTRA HELP:** This year we will have (APP) Academic Preparation Period. In APP students may have the opportunity to make up work, and get extra help. I will also be available before or after school by appointment. I am often in my room from 7:00 to 7:45 am M, W, F mornings and students are encouraged to stop by for help. I am guaranteed to be there if you make an appointment. It is expected that students will need to attend some help sessions.

**NOTES:** Students will be required to take notes where they will capture information, ask and answer questions and summarize content.

**EXPECTATIONS**  
BE Respectful, Be Responsible, and Be Safe  
1. Listen: Follow directions the first time given.  
3. Talking: Raise your hand to ask a question and do not interrupt others.  
4. Personal Space: Keep your hands and feet to yourself.  
5. Be on Time: Be in your seat ready to work when the bell rings.  

Electronic Devices such as cell phones, IPods, and gaming systems are not allowed in my classroom!

**BEHAVIOR CONSEQUENCES:**  
All consequences for inappropriate behavior and breaking classroom rules can be found posted in my room. Consequences range from a warning to disciplinary actions as listed in the student handbook/school policy. This includes but is not limited to being put on a contract. If the contract is not followed, students may be given lunch detention.

NOTE: The Hillcrest High school attendance policy will be part of this class. If a student accumulates a total of 5 or more (absences + tardies) and does not attend make up, the student will receive no credit (NG) for that class.

I have read all of this disclosure, and I understand that I will be graded accordingly:

Student Name____________________ Period_______  
Student Signature________________________________________ Date ____________

Parent Signature________________________________________ Date ____________

Teacher Signature________________________________________ Date ____________
Teacher: Mrs. Klekas   Room: S213
Email: kristina.klekas@canyonsdistrict.org
Class website on Canvas is through SLCC not Hillcrest High School. Access Canvas at https://slcc.instructure.com or use the link that can be found by logging into HHS Canvas.

To sign up for remind text @kklekas-ce to the number 81010

REQUIRED MATERIALS:
- CALCULATOR: A graphing calculator with statistical functions. (TI-84 recommended)

COURSE DESCRIPTION: This course is a study of statistics using exploration and data. As this is an introductory course, there is emphasis on terminology as well as basic concepts. Common sense and intuition will be nearly as useful as experience and background. Statistics used to describe (descriptive), statistics used to predict (inferential), and probability are three major themes in this course.

Learning activities will include homework, activities, group problem solving, projects, tests, etc. We will examine statistics by looking at data and making decisions and interpretations, with the numerical analyses being done by calculator or computer.

COURSE OBJECTIVES: Upon completion of this course students will be able to:
1) Understand the process of statistics and its relation to decision making
2) Effectively summarize data
3) Calculate and interpret probabilities
4) Understand and use probability distributions
5) Understand the concept of a sampling distribution and the results of the Central Limit Theorem
6) Perform and interpret a linear regression analysis
7) Understand ideas of statistical inference including estimation and hypothesis testing
8) Organize and communicate their statistical work clearly and logically, using correct notation and precise explanations

PREREQUISITES: Within the past year you must have completed an intermediate algebra course (such as Math 0980 or Math 1010), with a grade of C or better. Acceptable substitutions for this course are an appropriate Accuplacer, ACT, or SAT math score, also within the past year. Additionally, RDG 0900 with a grade of C or better, or an appropriate Accuplacer, ACT, or SAT reading score. If you do not have documentation for these prerequisites, you should enroll in a math class more appropriate for your background.

SLCC is committed to fostering and assessing the following student learning outcomes in its programs and courses:
- Acquiring substantive knowledge in the field of their choice
- Developing quantitative literacy
- Developing the knowledge and skills to be civically engaged
- Thinking critically
- Communicating effectively
COURSE STRUCTURE and ASSESSMENTS

**GRADING:** Course grades will be assigned according to this scale:

<table>
<thead>
<tr>
<th>Grade</th>
<th>Percentage Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>93-100%</td>
</tr>
<tr>
<td>A-</td>
<td>90-92%</td>
</tr>
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<td>C+</td>
<td>77-79%</td>
</tr>
<tr>
<td>C</td>
<td>73-76%</td>
</tr>
<tr>
<td>C-</td>
<td>70-72%</td>
</tr>
<tr>
<td>D+</td>
<td>67-69%</td>
</tr>
<tr>
<td>D</td>
<td>63-66%</td>
</tr>
<tr>
<td>D-</td>
<td>60-62%</td>
</tr>
<tr>
<td>E</td>
<td>Below 60%</td>
</tr>
</tbody>
</table>

The grade you earn will be recorded on your SLCC transcript. Grades are not negotiable. No work will be accepted after the last day of class. Limited, if any, extra credit opportunities may be available. **If you need to achieve a certain grade in this course be careful to complete all assignments, plan appropriate time for studying, and get help as needed so that you achieve your goal.**

**ASSESSMENTS:** Your grade will be based on an accumulation of scores as follows:

<table>
<thead>
<tr>
<th>Component</th>
<th>Weightage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Homework</td>
<td>20%</td>
</tr>
<tr>
<td>Activities/Projects</td>
<td>10%</td>
</tr>
<tr>
<td>Quizzes</td>
<td>5%</td>
</tr>
<tr>
<td>Mid-term Exams (4)</td>
<td>40%</td>
</tr>
<tr>
<td>Final Exam</td>
<td>25%</td>
</tr>
</tbody>
</table>

**HOMEWORK:** The assigned homework exercises are the required minimum for you to demonstrate the learning objectives of the course and the mastery of the course concepts. You are encouraged to work more exercises than those assigned. Regular practice is essential in learning statistics. You should be prepared to spend at least two hours studying outside of the class for each hour you spend in class. Many students find that much more time is required in order to perform as well as they desire on exams. Some instructors will require homework to be submitted online. Details of how and when homework is due will be discussed in class. **LATE WORK-late work will only be accepted up to the day of the exam covering that material. It will only be worth 70% if it is past the original due date.**

**ACTIVITIES/PROJECTS:** Throughout the semester various activities are assigned. These will allow you to engage with the course material, explore applications, learn to use technology for statistical analyses, and practice statistical reasoning and reporting. Some of these may be quite short, some will take longer.

Your instructor will let you know which of these projects to post in your SLCC ePortfolio. Along with a polished final draft of the project, you will include a summary reflection paper. Your paper will be one page double spaced. You may use one or more of the following ideas to build your reflection paper.

- What have you learned?
- Discuss how the mathematics and statistics skills that you applied in this project will impact other classes you will take in your school career.
- Identify specific parts of the project and your own process in completing it that may have applications for other classes.
- Discuss how the project helped to develop your problem solving skills.
- Discuss how this project changed the way you think about real-world statistics applications. If your thinking was not changed, then discuss how the project supported your views about real-world math applications. (Note that the question is not about YOUR individual life or career. While you may include that if relevant, the question is about the broader world.)
**General Education ePortfolio**—Each student in General Education courses at SLCC maintains a General Education ePortfolio. Instructors in every Gen Ed course will ask you to put at least one assignment from the course into your ePortfolio, and accompany it with reflective writing. It is a requirement in this class for you to add to your ePortfolio, and this syllabus details the assignments and reflections you are to include. Your ePortfolio will allow you to include your educational goals, describe your extracurricular activities, and post your resume. When you finish your time at SLCC, your ePortfolio will then be a multi-media showcase of your educational experience. For detailed information visit: http://www.slcc.edu/gened/eportfolio or http://eportresource.weebly.com

If you would like in-person help with your ePortfolio please visit an ePortfolio Lab on the Taylorsville-Redwood, Jordan, or South City Campus during business hours, and staff will help you. No appointment necessary. For lab hours and locations please look at the following site: http://eportresource.weebly.com/lab-information.html. For Digication tutorials, please go to the following site: https://slcc.digication.com/slcc_digication_tutorials/Welcome/

Questions regarding the ePortfolio can be directed to Emily.Dibble@slcc.edu.

**MID-TERM EXAMS:**
The midterm exams will be paper/pencil exam. The majority of the test questions will not be multiple choice, but will require you to carefully show your work. You may earn partial credit on these questions. Show all steps toward your final solution clearly and concisely. Answers with no logical steps or work that cannot be read or clearly followed will be marked incorrect.

**FINAL EXAM:**
The final exam for Math 1040 will be a paper/pencil comprehensive departmental examination emphasizing topics listed under the course objectives. You will have 120 minutes to complete the exam. More information is available in your CANVAS course.

It is an SLCC Math Department policy that students attaining a score of less than 60% on the final shall receive a grade no higher than "D" for the course.
SUCCEEDING IN A MATH CLASS

Statistics is a challenging course, however there are many available resources to help you succeed.

STRATEGIES FOR SUCCESS:

PUT IN THE TIME, STAY ON SCHEDULE! It is very important in this class that you set aside time each day to work on the course so that you can remain on schedule. You can do a better job at both understanding and retaining the material if you learn at an even pace. Trying to "cram" too much in one sitting will result in frustration and lower retention of the material. Recognize that you need time both to learn the material and time to complete your homework, etc. It will take a significant investment of time each day to be successful in this course. It is important that you have the course calendar readily available and refer to it frequently.

LEARN HOW TO LEARN AND WHERE TO GET HELP As with any math course, you need to find the best way for you to learn the concepts and skills. There are many options, including reading the textbook, taking notes, listening to an audio lecture, watching a video lecture, and many others. It is also crucial that you seek help when you need it. At the very beginning of the course you should spend time familiarizing yourself with available resources.

The STEM Learning Resources department works in collaboration with the Mathematics department to provide a variety of free academic support services. These services include tutoring, workshops and project-based learning. For times and locations please go to this website: http://www.slcc.edu/stem/hours.aspx

CALCULATOR: Help in learning to use a calculator (and some math software) is available in the graphing utilities appendix in your textbook, in the MyStatLab site if your instructor uses online homework (see the “Tools for Success” folder), in the campus math lab or Learning Centers.

USE THE SLCC RESOURCES General Learning Support & Tutoring Services provide support for SLCC students enrolled in any class at the College. All resources are provided free-of-charge. Ask your instructor about discipline-specific learning support and tutoring services.

Tutoring: index of all tutoring resources.

STEM Learning Centers: provide free assistance in Math, Science, Accounting, CSIS and Allied Health Classes at 6 campus locations.
Student Writing Center: provides in-person and online feedback on all writing assignments.
Academic Literacy Center: provides tutoring in reading and conversation.
Library Services: provides research help, print and online resources, computers and study space.
ePortfolio Lab: provides drop-in assistance for all ePortfolio questions.
eLearning Support: provides support for navigating online and hybrid classes.
Business Resource and Innovation Center: provides tutors and a study space for students in Business and CSIS courses.
STANDARDS and INFORMATION

** Permanent Folder:** To minimize the possibility of computer or human error all graded homework, projects, exams, and other course work should be kept by the student until you have received your final grade for the course.

** Add Policy:** Students may add courses through tbd

** Drop Policy:** Students may drop from the course (with refund) through tbd.

** Withdraw Policy:** Students may withdraw (no refund) from the course through tbd.

** Electronic Devices in the Classroom:** No video or audio recording in the classroom is allowed without written authorization from the instructor. Cell phones and other electronic devices should be in silent mode and should not be on the desk during lectures, tests, and final exam. In case of emergency, students should exit the classroom before they email, text, or use their cell phones. If students choose to use a computer or electronic device to take notes, they may do so without distracting their classmates. Computer activities that are not related to the class directly should not be done during class time. Students who text, talk on their cell phone, or use their devices to do activities not directly related to the class may be asked to leave the classroom.

**Student Code of Conduct Statement**
The student is expected to follow the [SLCC Student Code of Conduct](http://www.slcc.edu/drc).

**The Disability Resource Center**
SLCC values inclusive learning environments and strives to make all aspects of the College accessible to our students. If you have a disability and believe you need accommodations to improve access to learning materials or the learning environment, please contact the Disability Resource Center: (phone) 801-957-4659; (email) drc@slcc.edu; (website) [www.slcc.edu/drc](http://www.slcc.edu/drc).

**Department and College Policies:** Read and follow the regulations set forth in the current Class Schedule for this semester, in the SLCC college catalog, and on the Mathematics Department website [http://www.slcc.edu/math/policies.aspx](http://www.slcc.edu/math/policies.aspx).

**General Education Statement**
This course fulfills the Quantitative Literacy requirement for the General Education Program at Salt Lake Community College. It is designed not only to teach the information and skills required by the discipline, but also to develop vital workplace skills and to teach strategies and skills that can be used for life-long learning. General Education courses teach basic skills as well as broaden a student’s knowledge of a wide range of subjects. Education is much more than the acquisition of facts; it is being able to use information in meaningful ways in order to enrich one’s life.

While the subject of each course is important and useful, we become truly educated through making connections of such varied information with the different methods of organizing human experience that are practiced by different disciplines. Therefore, this course, when combined with other General Education courses, will enable you to develop broader perspectives and deeper understandings of your community and the world, as well as challenge previously held assumptions about the world and its inhabitants.

**Title IX Statement**
Title IX of the Educational Amendments of 1972 prohibits discrimination based on sex in any educational institution that receives federal funding. Salt Lake Community College does not tolerate sex discrimination of any kind including: sexual misconduct; sexual harassment; relationship/sexual violence and stalking. These incidents may interfere with or limit an individual’s ability to benefit from or participate in the College’s educational programs or
activities. If you have questions or concerns regarding your rights or responsibilities, or if you would like to file a Title IX complaint please contact:

**Kenneth Stonebrook, J.D.**
Title IX Coordinator
Salt Lake Community College
Taylorsville Redwood Campus – STC 276A
(801) 957-5027
ken.stonebrook@slcc.edu

Online Reporting Form: [http://www.slcc.edu/title-ix/complaint.aspx](http://www.slcc.edu/title-ix/complaint.aspx)

Students may also report incidents to an SLCC faculty or staff member, who are required by law to notify the Title IX Coordinator. If a student wishes to keep the information confidential, the student may speak with staff members of the Center for Health and Counseling, (801) 957-4268.

For more information about Title IX, go to: [http://www.slcc.edu/title-ix/index.aspx](http://www.slcc.edu/title-ix/index.aspx)

**Important Information for Students**

**General Education**
Regardless of your major, General Education courses build a foundation of broad knowledge and skills that help you in your further career and life.

**General Learning Support and Tutoring Services** General Learning Support & Tutoring Services provide support for SLCC students enrolled in any class at the College. All resources are provided free-of-charge. Ask your instructor about discipline-specific learning support and tutoring services.

- **Tutoring**: index of all tutoring resources.
- **STEM Learning Centers**: provide free assistance in Math, Science, Accounting, CSIS and Allied Health Classes at 6 campus locations.
- **Student Writing Center**: provides in-person and online feedback on all writing assignments.
- **Academic Literacy Center**: provides tutoring in reading and conversation.
- **Library Services**: provides research help, print and online resources, computers and study space.
- **ePortfolio Lab**: provides drop-in assistance for all ePortfolio questions.
- **eLearning Support**: provides support for navigating online and hybrid classes.
- **Business Resource and Innovation Center**: provides tutors and a study space for students in Business and CSIS courses. Located in BB 226 on Taylorsville-Redwood Campus.

**Advising and Counseling Support Services** Advising and Counseling Support Services provide support for students enrolled in any class as the college.

- **Center for Health and Counseling**: provides health care, mental health counseling, massage therapy services and healthy lifestyle programs.
- **Veterans’ Services**: assists hundreds of students in using their VA education benefits each semester.
- **Academic and Career Advising**: helps students plan, explore, make decisions, access resources and evaluate their academic and career goals.
- **Academic Achievement Center**: helps students achieve GPA requirements for graduation.
EXTRA HELP: I MAY be available in my room before school Monday, Wednesday and Friday from 7:10 to 7:45 am and after school most days. Please contact me to verify my availability. I will also be available during APP. It is expected that students will need to attend some help sessions.

NOTES: Students will be required to take notes where they will capture information, ask and answer questions and summarize content.

EXPECTATIONS
BE Respectful, Be Responsible, and Be Safe
1. Listen: Follow directions the first time given.
3. Talking: Raise your hand to ask a question and do not interrupt others.
4. Personal Space: Keep your hands and feet to yourself.
5. Be on Time: Be in your seat ready to work when the bell rings.

Electronic Devices such as cell phones, IPods, and gaming systems are not allowed in my classroom!

BEHAVIOR CONSEQUENCES:
All consequences for inappropriate behavior and breaking classroom rules can be found posted in my room. Consequences range from loss of points to disciplinary actions as listed in the student handbook/school policy. This includes but is not limited to being put on a contract. If the contract is not followed, students may be given lunch detention.

NOTE: The Hillcrest High school attendance policy will be part of this class. If a student accumulates a total of 5 or more (absences + tardies) and does not attend make up, the student will receive no credit (NG) for that class.

I have read all of this disclosure, and I understand that I will be graded accordingly:

Student Name____________________ Period_______

Student Signature_________________________________   Date ____________

Parent Signature______________________________________   Date ____________

Teacher Signature______________________________________ Date ____________
This course is based on the College Board Advanced Placement Statistics course. We will study four broad conceptual themes through the course of this year:

1. Exploring data: Observing patterns and departures from patterns
2. Sampling and Experimentation: Deciding what and how to measure
3. Anticipating patterns: Exploring random phenomena using probability and simulation
4. Statistical inference: Estimating population parameters and testing hypotheses

Class Materials:
- Text: Stats: Modeling the World, by Bock, Velleman, and DeVeaux. You should bring this book to class every day, unless I tell you otherwise.
- Other optional text materials will be suggested later in the year.
- Required: 3-ring binder (I recommend 1-1½”), loose leaf paper, pencils with erasers
- Recommended: TI-83/84 Graphing Calculator. The TI Inspire (non CAS) calculator is also very good. I can help a student use this calculator and it will be demonstrated, however the 83/84 models will be used more often. A class set of calculators is available for in class work but **having one at home is very beneficial.** Classroom calculators can NOT be checked out.

**EXTRA HELP:** This year we will have (APP) Academic Preparation Period. In APP students may have the opportunity to make up work, and get extra help. I will also be available before or after school by appointment. I am often in my room from 7:00 to 7:45 M, W, F mornings and students are encouraged to stop by for help. I am guaranteed to be there if you make an appointment.

**65% TESTS AND QUIZZES:** Two or three tests will be given each quarter. The material tested can come from topics covered prior to the test. However the majority of the questions will come from the current unit. One or two quizzes may be given each unit. **For any unexcused absence on a Test/Quiz day NO make-up test will be given.** For excused absences, make-up tests are available by appointment on Mon/Wed/Fri before school from 7:00 to 7:45 a.m. or during APP. They must be made up prior to the next class period if possible. School excused activity absences or vacation releases must be cleared with the teacher prior to the absence and the teacher and student will agree on a make-up deadline. If you are ill on the day of a test, a parent/guardian must call the school. There may be opportunities to earn points back on tests or retakes available—this will be explained after the first test is returned.

**20% ASSIGNMENTS:** Some assignments will be graded strictly on completion and some on accuracy. You are required to show all of your work and follow proper assignment format. Late work will only be accepted with a late pass. Each student will be given two late work passes that may be used to turn in work 1 class period after it was due. No make-up/late work will be accepted after the test has been given covering that material, even with a late work pass. Assignments maybe given from the book or Mathxl.

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_I have read both sides of this disclosure, and I understand that I will be graded accordingly:_

Student Name ___________________________ Period _______ Email __________________________ __________________________________________________________________

Student Signature ___________________________ Date __________

Parent Signature ___________________________ Date __________

Teacher Signature ___________________________ Date __________
15% VIDEOS, NOTES, CANVAS QUIZES, AND WARM UPS:
Some of the instruction and practice of the class will be given through online videos, Canvas activities and quizzes. Watching these videos and completing the activities are required and are worth points. If you miss a deadline lost points CANNOT be recovered, although you are still required to know the material presented. In addition, warm-ups may be given at the beginning of each class or as an at home canvas assignment. They will be graded on accuracy and cannot be made up if you are absent, tardy, or miss a canvas deadline. You will also earn participation points by coming to class on time and with ALL materials (this includes your own book). See rules below.

Grade Scale:

<table>
<thead>
<tr>
<th>Grade</th>
<th>Percentage</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>92-100</td>
<td>Excellent</td>
</tr>
<tr>
<td>A-</td>
<td>88-91.99</td>
<td>Good</td>
</tr>
<tr>
<td>B</td>
<td>81-83.99</td>
<td>Average</td>
</tr>
<tr>
<td>B-</td>
<td>71-73.99</td>
<td>Below Average</td>
</tr>
<tr>
<td>C+</td>
<td>61-63.99</td>
<td>Poor</td>
</tr>
<tr>
<td>C</td>
<td>59.5-60.99</td>
<td>Very Poor</td>
</tr>
<tr>
<td>D</td>
<td>59.5 or lower</td>
<td>Failing</td>
</tr>
</tbody>
</table>

CANVAS: Students will be responsible for anything assigned or information disseminated on Canvas or Remind. Once a canvas assignment has closed, it cannot be reopened or turned in late. The school provides technology access before and after school every day.

NOTES: Students will be required to take notes where they will capture information, ask and answer questions and summarize content. Note packets will be provided.

PRACTICE TEST: Students will be offered review sessions and be required to take one Saturday practice test.

AP Statistics Study Hints
Much of the information we will encounter in Statistics amounts to educated common sense. While some of the material will seem easy, it is important that you develop a habit of study to assist you when the material becomes more difficult. Each chapter will be broken down into sections and daily chapter assignments. Check Canvas often for updated assignments and announcements. READ YOUR TEXT prior to each class. Keep your homework neat and organized for grading and for your review--the practice is not meant to be busy work or a means to a grade, it is there to help you learn the subject! Do not put off your problems until they are due as you will get overwhelmed trying to catch up. ASK QUESTIONS and be an active participant in class...we need to work together to be successful--Statistics is not a spectator sport!

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