Instructor: Maureen Howe  
Office: S 109 (N/A Campus)  
Departmental Web Site: http://www.slcc.edu/math/  
Office Hours: 7:00-7:45a.m.

Welcome to College Algebra!

Text: Utah OER Textbook (available through Canvas)

Prerequisites: This course is for students who have successfully completed an intermediate algebra course, such as MATH 1010, with a grade of C or better, or who otherwise qualify by virtue of acceptable CPT or ACT scores achieved within the past year. Substitutions for the intermediate algebra course include an ACT score of 23 or better, or a CPT score of at least 55 on the college algebra section. If you do not have documentation for one of these prerequisites, you are advised to enroll in a math class more appropriate for your background.

Course Description: This course continues to explore, in greater depth, standard algebra topics many of which were addressed in MATH 1010. Topics will include the following: 1. functions, including polynomial, rational, exponential, and logarithmic; 2. systems of equations; matrices and determinants; partial fraction decomposition; 3. conics; and 4. sequences and series.

Class Schedule: A tentative calendar for the course will be posted online.

Homework: A list of homework exercises will be posted online. These 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 mathematics. 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. In some cases, it may be required to submit homework online. Details of how and when homework is due will be discussed in class.

You are expected to work homework assignments from each section that we cover by the next class. Please keep current on your homework and ask questions about the homework in class.

Tests: There will be hour exams on the dates indicated below, and a comprehensive final exam. All examinations are closed book. Full credit will be awarded on test problems only if your work can be readily followed and solutions are precise and correctly notated.

The dates and times of the hour exams and final are:

- Exam 1: 09/11/2019
- Exam 2: 10/02/2019
- Exam 3: 10/24/2019
- Exam 4: 11/13/2019
- Final Exam: 12/12/2019

Hour Exams: Hour exams are closed book, last 50 minutes, and are taken during a scheduled class period. No hour exam grade will be dropped.

Final Exam: The final exam will be held on 12/12/2019, as specified in the Fall 2019 Class Schedule. All students must take the final exam. Students should make arrangements with employers now to be free at the appointed time.

The final will be a comprehensive examination emphasizing topics listed under the course objectives.

General Education: 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.

http://www.slcc.edu/gened

**Project-Based Labs:** These projects are designed to allow students to examine “real-world” applications using technology as a tool. You must work on the projects in groups of approximately 3 to 5 students. You are encouraged to share ideas and work and collaborate in whatever ways you find effective. However, each student must turn in a complete copy of the work, and the reflective writing statement must be original. At least one of these projects must be uploaded to your ePortfolio.

**Grading:** The breakdown of the grade is:

<table>
<thead>
<tr>
<th>Component</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Homework</td>
<td>10%</td>
</tr>
<tr>
<td>Projects</td>
<td>15%</td>
</tr>
<tr>
<td>Hour Exams</td>
<td>50%</td>
</tr>
<tr>
<td>Final</td>
<td>25%</td>
</tr>
</tbody>
</table>

It is an SLCC Math Department rule that students attaining a score of less than 60% on the final shall receive a grade no higher than D for the course.

Scores will be equated with letter grades using the following cutoffs:

<table>
<thead>
<tr>
<th>Grade</th>
<th>Range</th>
<th>Grade</th>
<th>Cutoff</th>
<th>Grade</th>
<th>Cutoff</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>93%</td>
<td>B</td>
<td>87%</td>
<td>C</td>
<td>77%</td>
</tr>
<tr>
<td>A-</td>
<td>90%</td>
<td>B-</td>
<td>83%</td>
<td>C-</td>
<td>73%</td>
</tr>
<tr>
<td>B</td>
<td>83%</td>
<td>B+</td>
<td>87%</td>
<td>D</td>
<td>67%</td>
</tr>
<tr>
<td>B-</td>
<td>80%</td>
<td>C</td>
<td>77%</td>
<td>D-</td>
<td>63%</td>
</tr>
<tr>
<td>C</td>
<td>73%</td>
<td>C+</td>
<td>77%</td>
<td>E</td>
<td>below 60%</td>
</tr>
</tbody>
</table>

**Calculators:** Scientific calculators with no more than a basic numeric store and recall memory are allowed on in-class tests. The following are prohibited on any in-class test: graphing calculators, programmable calculators, or calculators capable of symbolic manipulation, computers, cell phones, and any other communication device that can connect to the Internet. In particular, prohibited calculators include the TI89, TI92, TI-Nspire, HP 48SX, HP 48GX, as well as other models and brands.

**Permanent Folder:** In case of human or computer error, it is recommended that you keep all homework and exams in a folder until you have received a grade for the course.

**Attendance:** This class will follow the attendance policies of Hillcrest High School. It is the student’s responsibility to be aware of all material covered, tests dates, and assignment due dates.

**Withdrawal Rule:** The last day to add classes is **Aug 29, 2019**. Students may drop the course (with 100% refund) through **Sep 11, 2019**. Students may withdraw from the course through **Oct 25, 2019**. No withdrawals will be approved after that date.

**Special Circumstances:** Please let me know as soon as possible about any special circumstances. In particular, if you need to maintain a minimum grade point average in order to remain enrolled or to continue receiving financial support, I would like to know about that as soon as possible (and certainly before the end of classes).

**Student Code of Conduct:** [http://www.slcc.edu/policies/docs/Student Code of Conduct.pdf](http://www.slcc.edu/policies/docs/Student Code of Conduct.pdf)

**Classroom Deportment:** Each student is responsible for their own behavior. Any student who shows a pattern of disrespect for others, or who at any time displays egregious disrespect for others, will be subject to penalties as per the student code of conduct.

**Cheating Rule:** Cheating on any assignment will result in a failing grade on that assignment and possibly a failing grade in the class. Please consult the student code of conduct pages 39-41 where this topic is addressed.
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.

Teacher assistance: Come for Academic Preparation Period if additional help is needed.

General Learning Support & 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 and 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.

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.
Math teaches that there is a firm reason to believe that every problem has a solution!

Maureen Howe
Christine Cress
Room S109
maureen.howe@canyonsdistrict.org
christine.cress@canyonsdistrict.org

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>
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</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>
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<tr>
<td>B-</td>
<td>80-83%</td>
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<tr>
<td>C+</td>
<td>77-79%</td>
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<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 to come in during APP for the retakes. You must complete the checklist 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 the teachers is through district email at maureen.howe@canyonsdistrict.org or christine.cress@canyonsdistrict.org. You may also contact me by office phone 801-826-6107.

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.
Return this signed document to Mrs. Howe 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)
Welcome!

I am excited to be your math teacher and I look forward to working with you this year. In this class, we will learn about a variety of topics, including graphing, solving and analyzing quadratic functions, geometry, probability, and trigonometry. Since this isn’t the last math class you’ll ever take, we will also use our time together to develop your “student” skills. I hope that by the end of this school year, you will be:

- more comfortable explaining your thinking to others. You’ll discover that working with partners and in groups will help you learn how to communicate math more clearly.
- a more confident and creative mathematical thinker. You won’t be afraid to take risks or make mistakes because you know that trying different approaches and “tinkering” are valuable problem-solving skills.
- a stronger student. You will learn that taking good notes and spending quality time on your homework (checking your answers, making sure you understand why you got something wrong, etc.) pays off in terms of improved understanding and better test scores.
- able to take ownership of your own learning. You will ask questions when you don’t understand something. You will proactively seek out help from your classmates or myself.
- more appreciative of how math connects to the world around you.

Expectations

You are in this class to learn and LOVE math – we are in this together. To accomplish this goal, for us to have a good time (yes, it’s possible!), and for us to accomplish everything we need to get done, you will need to:

- Attend class every day! This will be very important to your success and make this class easy.
- Arrive to class prepared, on time, and ready to work until the end of class.
- 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 I will:

- Spend quality time working on your homework and not be afraid to ask questions.
- Be available outside of class for extra help if needed.
- Respect you and listen to what you have to say and respond thoughtfully and honestly.

Note Taking

You are expected to be an active learner every day! This will require involved note taking. We will work together and take daily notes that will include four components:

- Learning Objectives
- Capturing Information
- Questioning
- Summarizing

Materials

- Student Resource Book: You will have canvas as your book.
- **Folder or Binder designated for math**: You will need a folder or section of your binder designated for math. This safe and organized place should house all of your work—except the work in your Student Work Book—including quizzes, tests, and graded assignments.

- **Calculator**: We have a classroom set of TI-84 calculators. These calculators must remain in the classroom, so if you would like to purchase a calculator for use at home, I would recommend a graphing calculator (TI-83 or TI-84).

- **Other materials**: You should come to class every day with loose-leaf paper, red pen and pencils with erasers.

### Grading

**65% Assessments**: Tests and quizzes will be given frequently throughout each quarter. If you have an excused absence on a test/quiz day you must make arrangements to take the test/quiz.

- **Quizzes** may be announced or unannounced.
- **Tests** lowest test score will be dropped each quarter.
- **Online Quizzes** on Canvas may be incorporated into the course. Deadlines for these will be strict.
- **Quarter Finals** will be given during the last week of each quarter. Quarter finals cannot be made up, so prior arrangements must be made in order to receive credit.
- **RETTAKES** – Retakes will be discussed after the first tests.

**35% Assignments**: Classwork and homework assignments will be given daily, and homework will be checked on online sporadically. Assignments are automatically graded at time of completion. Each assignment will be worth 10 points, unless otherwise specified.

- **Absent work** – If you miss a class, you should come during student support time to check for Missing assignments. Class time is the wrong time to ask for missing work.
- **Make-ups** – All assignments may be done until the last week of each quarter.

<table>
<thead>
<tr>
<th>Grading Scale</th>
<th>A</th>
<th>93-100%</th>
<th>B</th>
<th>83-86%</th>
<th>C</th>
<th>73-76%</th>
<th>D</th>
<th>63-66%</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-</td>
<td>90.92%</td>
<td>B-</td>
<td>80-82%</td>
<td>C-</td>
<td>70-72%</td>
<td>D-</td>
<td>60-62%</td>
<td></td>
</tr>
<tr>
<td>B+</td>
<td>87-89%</td>
<td>C+</td>
<td>77-79%</td>
<td>D+</td>
<td>67-69%</td>
<td>F</td>
<td>&lt;60%</td>
<td></td>
</tr>
</tbody>
</table>

### Other School and Classroom Policies

- **Attendance Policy**: This class will follow the school wide attendance policy. This policy states that, “If a student accumulates a total of 5 or more, sum of absences and tardies, the student will receive no credit (NC) for the class, unless the grade earned is a F.”

- **Cell Phone Policy**: Possession of a cell phone by a student is a privilege that may be forfeited by any student that uses their cell phone inappropriately. A student who possesses a cell phone shall assume responsibility for its care.

- **Office Hours or Student Support Time**: I will be in room S109 during app to answer student questions. If you need to make up a test/quiz, hand in make-up work, or ask questions about missed assignments, you will need to see me during these hours. I will not use class time to discuss individual circumstances. Also, I will not meet with parents during office hours unless an appointment is prearranged.

- **Food and Drink**: Food and drink, with the exception of water, are absolutely not allowed in the STEM building, and in particular, in room S109. Gum is also prohibited.

- **Class Website**: All work is done in Canvas

- **HUSKIES ALWAYS**:  
  ▪ -Remove Hats and Follow Dress Code.  
  ▪ -Eat Lunch in Designated Areas and Keep Hallways and Restrooms Clean.  
  ▪ -Attend Class on Time, All the Time, and Never Sluff.  
  ▪ -Show Respect to and Expect Respect from All Adults.
Please complete this information and return this cover letter as soon as possible.

**Student Information:**

Student name: ________________________________

Class period: _____________

Last math class (name of class, teacher, school): ______________________________________

____________________________________

Is there anything in particular you would like me to know about you?

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I have read and I understand the disclosure document for Ms. Howe’s College Prep class, and I agree to conduct myself accordingly.

____________________________________

___________________________  student signature  date

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**Parent Information:**

Parents, I welcome and encourage your involvement this year. Please email (maureen.howe@canyonsdistrict.org) with questions or concerns.

Parent/guardian name(s): ________________________________

____________________________________

Parent/guardian email address(es): ________________________________

____________________________________

Parent/guardian phone number(s): ________________________________

(the best to reach you @ 3pm)

____________________________________

I have read and I understand the disclosure document for Ms. Howe’s College Prep class, and I agree to support my student and his/her teacher in achieving the objectives of this course.

____________________________________

___________________________  parent/guardian signature  date
FOR YOUR INFORMATION:

Electronic Devices such as cell phones, iPods, and gaming systems are only allowed at appropriate times.

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.

Behavior Consequences

**Appropriate Behaviors**
Such as: Participating in class, observing the above rules, doing your best, asking questions, getting help when you need it, supporting and respecting others, etc.
- Less homework because you will have more time to work in class.
- More activities, group work, and fun.

**Inappropriate/Disruptive Behaviors**
Such as: Talking when you should be working, not participating, continually being absent or tardy, disrupting the teacher or others students, abusing the hall pass, inappropriate language, continually being unprepared, etc.

1. Request to stop behavior (warning)
2. 2nd request followed by consequences if behavior is not corrected

The following are a list of possible consequences that may happen
- Loss of participation points
- Move to a different seat
- Private discussion with the teacher
- Contract between teacher and student
- Parent phone call
- Contract between teacher, student and parent
- Pop Quiz
- Doing chores in the classroom
- Stopping group work and activity and doing quiet seat work instead
- Involvement of administration
- Disciplinary actions as listed in the student handbook/school policy