



COURSE DESCRIPTION:

This school year all students will continue to develop a deep understanding of function building and analysis in order to be able to solve problems in a real world context. Students will leave the class knowing how to construct viable arguments and critique the reasoning of others.

This course will be structured as a Personalized Learning (PL) course that will require students to hold themselves accountable for completion of work in a timely manner. PL will be supplemented with direct instruction and small group sessions when necessary and appropriate. PL work consists of:

- **Classwork:** Students are expected to complete all classwork to the best of their ability. They are encouraged to work together and ask questions when necessary. Classwork does not count toward the semester grade though it will be tracked for completion and correctness. Failure to complete classwork will make it very difficult to pass the course.
- **Homework:** Students are required to watch videos online and take notes for their homework. If you do not have internet access at home (computer/ phone/tablet/etc) please see Ms. Derby as soon as possible. Video notes will be tracked to ensure students, parents and Ms. Derby can see how a student is progressing.

EXPECTATIONS:

All students are expected to:

- Respect the learning environment
- Be active participants in their own learning

Specific expectations for classroom conduct, outside of those determined by Sci High school-wide rules, will be discussed and agreed upon during the first week of class.

BIG GOALS:

- Develop critical-thinking and problem-solving skills applicable to the real world.
- Develop the skills necessary to become successful independent learners.
- Critical thinking is the ability to demonstrate reflective and reasonable thinking. We can think of critical thinking in three co-existing parts:
 - ✓ **Back it up!** – Be able to support a conclusion with evidence.
 - ✓ **Break it down!** – Be able to explain step-by-step how you came to a conclusion.
 - ✓ **Build Connections!** – Be able to explain why a conclusion is important to the world-at-large.

MATERIALS AND SUPPLIES:

- Composition notebook (1 supplied by Ms. Derby – lost notebooks will need to be replaced by students)
- Personal headphones/earbuds
- Pens and pencils
- Personal Hand Sanitizer (we use class computers and want to minimize germ transfer!)
- One Box of Tissues (for Class Supply)

ACADEMIC INTEGRITY:

Breaches of academic integrity will result in the grade of 0% for the assignment or assessment. Multiple breaches will be referred to the Academic Integrity Council. Examples of breaches of academic integrity include:

- Plagiarism
- Cheating or copying the work of another
- Permitting another student to copy work
- Using technology for illicit purposes
- Unauthorized communication between students for the purpose of gaining advantage during an examination
- Breaches of the testing environment (e.g. talking, taking out papers or a cell phone)
- Changing grades in a teacher's gradebook
- Obtaining and using exit assessment codes from another student

MASTERY BASED GRADING POLICY:

This course will use mastery-based grading. The goal of mastery-based grading is for students' grades to reflect their understanding and mastery of the material presented, instead of simply completing tasks or earning credit for effort.

Category	Percentage
Exceeds Mastery	A
Mastery	B
Near Mastery	C
Remediation	D
No Attempt	0

Category	Percentage
Formative Activities/Assignments (Catalyst checks, exits tickets, etc.)	35
Summative Activities/Assignments (Quizzes, projects, exams, etc.)	65

Homework/Due Dates: MUST be completed when assigned. The assignment will be posted on the class calendar / website and it is your responsibility to monitor your progress on completion. If you ever have questions/difficulty completing an assignment at home, let Ms. Derby know via email or text message.

ADDITIONAL POLICIES:

Professional Conduct: All Sci High policies apply (including dress code and general conduct). In addition to these policies, understand that this is a respectful and supportive classroom. In order to learn most effectively, this must be a place of work. Therefore any distractions or infringements to learning time will be handled swiftly and with appropriate action.

Absences: If you must be absent, it is your responsibility to check the Class Website! If your absence is excused, you must complete any missed assignments by the following school day. If your absence is unexcused, the original due date applies.

Technology: In order to make sure all Sci High students are prepared for the modern workforce, we will do our best to integrate technology into every lesson. You will learn to make appropriate decisions using your Chromebooks, you will be allowed to discover and master the use of new tech resources, and you will be encouraged to seek out new ideas and innovations through the use of Google Chromebooks.

As a student, it is necessary for you to take ownership of the materials that you have access to and any misconduct or mistreatment of classroom technology will be addressed according to school policy.

Mastery Retakes: *Retakes for mastery grades may be allowed upon completion of all lessons to current due date, as determined by Ms. Derby. Retakes may not be done on the same day the original assessment was completed.*

As the year progresses, course policies may change in response to classroom needs.

CONTACTING MS. DERBY:

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