

**Colfax High School Mathematics, Room 110**  
**IB Math SL, Analysis and Approaches**  
**Mr. Schwartz**  
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**Welcome** to what will be a challenging and interesting course. This course consists of topics selected to fill in the students' background in preparation either for continuous mathematics (calculus) or for the student who wants a strong quantitative background. The class will be taught to apply what we have learned to the real world.

The whole course is in Canvas and can be accessed through your Chromebook. There are a lot of practice problems and links to support videos in Canvas. All grades are done in Aeries. I am here before and after school and also available during our flex period. The best way to get help is to get it early by speaking with me in person or emailing me.

**The outcomes for this class are:**

**Topic 1: Numbers and Algebra (Chapters 1 & 3)**

**Topic 2: Functions (Chapters 2 & 4)**

**Topic 3: Geometry & Trigonometry (Chapters 11 & 12)**

**Topic 4: Statistics and Probability (Chapters 6, 7, 8)**

**Topic 5: Calculus (Chapters 5, 9, 10)**

**ORGANIZATION OF THE CLASS**

Instruction in this class is active participation. Students need to listen to demonstrations by their teacher, work on assignments individually or in groups, and complete all homework problems by the beginning of the next class meeting. You cannot learn mathematics by watching other people do it; you must participate! I am available for help before and after school.

You must complete an Internal Assessment by February 17, 2026

Optional IB Exam is March 16 & 17, 2026

**[Colfax High School Academic Integrity Policy-Link](#)**

**Absences, Tardies, and Cell Phones**

Tardy #1-2 - student conversation

Tardy #3 - call home

Tardy #4 - Referral to the office, 1 hour detention

Cell phone out during class #1 - I keep until the end of day

Cell phone out during class #2 - Cell phone sent to office till end of day, 1 hour detention

**Grading**

Test Retakes - must be completed 7 days after the original test, the retake grade is averaged with the first grade. The final day for any late work or retakes is set by the math department for Friday, May 15, 2026.

Grading Scale	
Letter Grade	Percent Grade
A	93-100
A-	90-92
B+	87-89
B	83-86
B-	80-82
C+	77-79
C	73-76
C-	70-72
D+	67-69
D	65-66
F	Below 65

**Class Philosophy**

The three key words in my class are: **HONESTY, RESPECT, and DILIGENCE.**

**Honest** to self and others.

**Respectful** to the other students and to myself. Respect means that you are prompt, prepared, that you participate, and that you are courteous to the people around you.

**Diligent** means to work hard, to be on time, to turn in your work on time, to complete all your assignments with quality.

**I understand the requirements and expectations and will strive to do quality work in this course.**

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Student's Signature

**I have read the course description and have discussed it with my son/daughter.**

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Parent's Signature