

Instructor: Mr. Rafe Paulson

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Topics Covered

Unit 1: Data & Data Transfer

Unit 2: Binary & Number Systems

Unit 3: Algorithms & Abstractions

Unit 4: The Internet & Networking

Unit 5: Computer Hardware

Unit 6: Intro to Java & Python Programming

Unit 7: Global Impacts & Privacy

Attendance Policy

Experience shows that students who do not attend class regularly do not do well in math/science classes. Attendance is expected everyday (excluding excused absences and extracurricular activities; such as sports, FFA, FBLA, etc.), but will not be directly included in the calculation of your final grade.

Homework

Homework will be assigned nearly everyday, and will be assigned and completed using the textbook provided. The student will have TWO DAYS (including the day it was assigned) to complete the assignment. (For example: if an assignment is assigned on Monday, then it will be due Wednesday at the beginning of class.) Also, every week a small set of supplementary problems will be handed out. The solutions to these problems must be written out and turned-in for grading. Supplementary problems will typically be assigned every Wednesday and due the following Wednesday at the beginning of class. These problems, in general, will be more complex than the homework problems, and will give the student practice synthesizing and applying the concepts learned in class. They will also give me a chance to provide the student with feedback on his/her problem-solving skills before being tested on the material. Late work will be handled as follows....

1st day late	=	a 10% deduction of overall assignment grade
2nd day late	=	an additional 10% deduction of overall assignment grade
3rd day late	=	a grade of 0% will be given for the assignment

Lab

This class will focus on introducing programming code and creating simple programs, loops, and commands. There will also be a short hardware review of computers and laptops.

Tests and Final Exams

There will be a total of EIGHT tests and two finals, throughout the school year. A final exam will be given at the end of each SEMESTER, and will be cumulative only with the respective semester. The best study aides in preparing for the final are the student's homework, notes, and tests. Students may choose to take the AP exam in May in place of their spring final exam.

Grading

Coursework grades will be used to calculate a final numerical score for the course. Each component will be weighted as follows:

Homework	30%
Programs	25%
Supplementary Problems	25%
Tests & Projects	20%

Letter grades will not be assigned until the end of the quarter. If the student needs to estimate the course grade at any time, use the following scale:

100.0% - 97.0%	A+
96.9% - 93.0%	A
92.9% - 90.0%	A-
89.9% - 87.0%	B+
86.9% - 83.0%	B
82.9% - 80.0%	B-
79.9% - 77.0%	C+

76.9% - 73.0%	C
72.9% - 70.0%	C-
69.9% - 67.0%	D+
66.9% - 60.0%	D
59.9% - 0%	F

Cheating

Cheating of any sort will not be tolerated. If the student is caught intentionally cheating, the student will receive as a MINIMUM penalty of zero for that work. Repeated instances of cheating will result in an F for the course and may be subject to additional discipline (suspension or expulsion).

Special Consideration

If the student requires course adaptations or accommodations because of documented disability, if the student have emergency medical information to share with me, or if the student needs particular arrangements in case the building must be evacuated, please meet with me and inform me of the particular situation as soon as possible.

and finally...

As the instructor of the class I reserve the right to change, edit, and revise the syllabus and the course content as needed.

I expect a lot from my students, and in return I give all the help I can. PLEASE come talk to me if/when you need help. Helping you succeed in the classroom is my job, and it's a job I love to do.