

Physical Science

FALL 2018!

Course Description

THIS COURSE STUDIES THE FUNDAMENTALS OF CHEMISTRY AND PHYSICS, STRESSING NOMENCLATURE, ATOMIC STRUCTURES, FORCES, MOTION, AND RELATED MATHEMATICAL CONCEPTS. PHYSICAL SCIENCE INCLUDES CLASSROOM AND LABORATORY WORK IN THE FOLLOWING TOPICS: MATTER'S PROPERTIES AND CHANGES, INTERACTIONS OF MATTER AND ENERGY, THE CONSERVATION AND TRANSFER OF ENERGY, FORCES OF MOTION, AND THE ELECTROMAGNETIC SPECTRUM. AS WE LEARN, WE WILL DEVELOP CRITICAL THINKING AND COLLABORATION SKILLS TO PREPARE FOR THE FUTURE. THIS COURSE MEETS THE PHYSICAL SCIENCE REQUIREMENT FOR GRADUATION.

Mr. Helms

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Course Goals

1. BE ABLE TO FULLY AND EFFECTIVELY DISCUSS CHEMISTRY AND PHYSICS TOPICS.
2. GAIN A PROFICIENCY IN CHEMISTRY AND PHYSICS VOCABULARY.
3. HAVE FUN LEARNING AND ENGAGING WITH TEACHERS AND PEERS.



WHEN GIVEN THE CHOICE
BETWEEN BEING RIGHT
OR BEING KIND,

Choose Kind.

Course Expectations

BE PREPARED!

HAVE YOUR LAPTOP CHARGED OR CARRY YOUR CHARGER WITH YOU, BRING YOUR NOTEBOOK, AND HAVE EXTRA PENS AND PENCILS!

FOLLOW INSTRUCTIONS!

WE CAN HAVE FUN, BUT ONLY IF WE ARE ADHERING TO THE RULES OF THE SCHOOL, MY CLASS, AND THE LABS WE DO.

BE PROACTIVE!

TAKE CHARGE OF YOUR EDUCATION! PARTICIPATE IN CLASS, ASK QUESTIONS, AND HAVE CONFIDENCE IN YOURSELF. BE BOLD!

Course Materials

LAB FEE:

A \$10 LAB FEE IS REQUIRED FOR THIS COURSE.

NOTEBOOK:

PLEASE HAVE A 3 (OR MORE) SUBJECT NOTEBOOK BY WEDNESDAY, AUGUST 29TH.

GOOGLE CLASSROOM:

GOOGLE CLASSROOM WILL BE THE PRIMARY SOURCE FOR ALL COURSE CONTENT. NOTES, ASSIGNMENTS, AND OTHER RESOURCES WILL BE UPLOADED INTO GOOGLE CLASSROOM. GRADES WILL BE UPDATED ON SCHOOLGY WEEKLY.

Cheating

DON'T DO IT!

BE PROUD OF THE WORK YOU DO, BECAUSE RIGHT OR WRONG, IT IS HELPING YOU LEARN. I AM WILLING TO WORK WITH YOU AS MUCH AS POSSIBLE AS LONG AS YOU ARE DOING YOUR BEST. CHEATING OF ANY KIND WILL RESULT IN A ZERO FOR EVERYONE INVOLVED. IF YOU NEED HELP, DON'T CHEAT, JUST ASK!

Course Policies

CELL PHONES:

I WILL COLLECT CELL PHONES AT THE START OF EVERY CLASS TO PROMOTE STUDENT PARTICIPATION AND ATTENTIVENESS IN CLASS. I KNOW THAT I WANT TO LOOK AT MY PHONE IF IT'S ON MY DESK, SO WE ARE TRYING TO ELIMINATE TEMPTATION. IF YOU HAVE ANY QUESTIONS ABOUT THIS, PLEASE CONTACT ME!

LAPTOPS:

WE WILL USE LAPTOPS IN CLASS OFTEN WHEN WE ARE WORKING ON ASSIGNMENTS AND ACTIVITIES. PLEASE ONLY USE YOUR LAPTOP AS INSTRUCTED!

BATHROOM:

PLEASE TRY TO USE THE BATHROOM BEFORE OR AFTER CLASS. I WILL NOT DENY A STUDENT THE RIGHT TO GO TO THE BATHROOM UNLESS THEY ARE LEAVING CLASS EXCESSIVELY. STUDENTS ARE EXPECTED TO GO TO THE BATHROOM BETWEEN CLASSES.

ABSENCES:

ATTENDANCE IS VERY IMPORTANT TO BEING SUCCESSFUL IN SCHOOL! IT IS YOUR RESPONSIBILITY TO FIND OUT WHAT ASSIGNMENTS, HOMEWORK, OR QUIZZES YOU MISS WHEN YOU ARE ABSENT. I WILL NOT SEEK YOU OUT TO ENSURE YOU RECEIVE MISSED WORK OR TO MAKE SURE YOU RESCHEDULE A MISSED QUIZ OR TEST. IF YOU MISS A TEST OR QUIZ, THEY WILL HAVE ONE WEEK TO RETAKE THE ASSIGNMENT BEFORE OR AFTER SCHOOL.

Grading

ASSIGNMENTS: 40%

INCLUDES HOMEWORK, CLASSWORK, AND OTHER ACTIVITIES.

PARTICIPATION: 20%

INCLUDES QUIZZES TAKEN IN CLASS AND GRADES BASED ON PREPAREDNESS, ACTIVE PARTICIPATION, AND THE USE OF LIFE SKILLS (COMMUNICATION, COLLABORATION, RESPONSIBILITY, ETC.) IN CLASS.

ASSESSMENTS: 40%

TESTS OR PROJECTS GIVEN AT THE END OF THE UNIT TO GAUGE OVERALL UNDERSTANDING.

RSS Grading Scale:

100-90	A
89-80	B
79-70	C
69-60	D
< 60	F

Syllabus Acknowledgement

USE THE LINK BELOW TO FILL OUT THE GOOGLE FORM.

GET A 100 ASSIGNMENT GRADE IF SUBMITTED BY **AUGUST 31ST.**

MUST BE SUBMITTED BY
SEPTEMBER 3RD.

[BIT.LY/HELMSSYLLABUS](https://bit.ly/Helmssyllabus)