

**Starr's Mill High School**  
193 Panther Path, Fayetteville, GA 30215  
Office: 770-486-2710

**Physics 2016-2017**  
Instructor: Nicholas Gillies  
E-mail: [gillies.nicholas@mail.fcboe.org](mailto:gillies.nicholas@mail.fcboe.org)  
Course Website: <http://gilliesphysics.weebly.com>

### **Course Content:**

This Physics course will introduce you to the concepts and methods of the various fields of Physics, including Mechanics, Energy, Heat, Waves, and Electricity. Physics is the basis to all the sciences. It is the search for patterns in nature. These patterns have been found to exist from the very small (subatomic particles, atoms, and cells) to the largest possible scale (stars, galaxies, and the whole universe), and everything in between. Remarkably, many of the patterns discovered so far conform to mathematical equations.

### **Textbook:**

The textbook for this class is *Physics* by Holt, 2009. Once textbooks are issued they become the responsibility of the student. Students are expected to bring the textbook to class daily. It is important that the textbooks are covered and they should be returned at the end of the school year or upon withdrawal from the class.

### **Suggested Course Materials:**

- Notebook
- Notebook paper
- Pens (blue or black)
- Pencils
- Calculator (scientific or graphing)

*Students, please ensure that you bring the necessary materials to class daily. You will not be excused to retrieve items from your locker.*

### **Course Expectations:**

- Students should arrive to class on-time
- Students should be prepared each day (assignments, notebook, paper, pencil, textbook, etc.)
- Students be respectful to the teacher, their peers, and any visitors in the classroom
- Students are expected to put forth effort and be active participants in the learning process

### **Discipline Procedures:**

Students will typically be given a verbal warning if their behavior is disruptive to the learning environment. A variety of interventions, including teacher assigned detention, will be utilized and these will be documented using the four-step process. The fourth offense will result in referral to an administrator. However, disruptions that are severe in nature will result in immediate removal from the classroom.

**Evaluation:****Course Average (80% of final grade)****Daily Work (Classwork/ Homework/Lab) - 40%****Assessments - 60%**

Quizzes – 20 %

Unit Tests – 40%

**Final Exam (20% of final grade)****Grades Reports:**

Final grades are awarded at the end of second semester and a report card will be issued. It is the responsibility of the student and parent to monitor progress via Infinite Campus - grades are updated for this class in a timely manner. If you have concerns about your child's progress please schedule a conference by contacting your child's counselor.

**Make-up Work:**

- It is the student's responsibility to make arrangements for make-up work. These arrangements should be made at a time that does not disrupt instructional time. Make-up work will only be provided upon official notification of an excused absence.
- If a student receives an assignment but is absent on the day it is due then the assignment should be submitted immediately upon their return or it will be considered late.
- It is essential that students are present on lab days. Depending on the lab, availability of materials, and the number of students that are absent a make-up session may or may not be offered. An alternate assignment may also be substituted for that lab grade.

**Please keep in mind the following:**

***ALL MAKE-UP WORK MUST BE COMPLETED WITHIN FIVE SCHOOL DAYS AFTER THE STUDENT RETURNS. ALL MAKE-UP TESTS AND QUIZZES WILL BE SCHEDULED AT THE TEACHER'S CONVENIENCE WITH THE STUDENT HAVING AT LEAST 24-HOURS NOTICE. FIELD TRIP ABSENCES ONLY GET ONE DAY TO MAKE-UP THE WORK.***

Assignments will be assessed a penalty of 10% per school day late. Should you miss an assignment due to an excused absence you will have five school days to submit the work. After five days the assignment will be considered "late". Should you miss submitting an assignment due to a school sponsored field trip you will have one school day to submit the work

**Classroom Rules and Discipline Procedures:****Rules:**

1. Be on time for class.
2. Be respectful of the teacher, and other students.
3. Be prepared for class.

**Academic Dishonesty will not be tolerated.** Academic Dishonesty includes copying another student's homework, plagiarism, forging a parent signature, or cheating in any way on quizzes, tests, or exams. Plagiarism is described in the Student Code of Conduct as: "...a deliberate attempt on the part of a student to pass off as his or her own the writing or ideas of another person (student, parent, published or unpublished author, et al). This type of plagiarism generally consists of the straight copying or slight paraphrasing of a source that a student attempts to conceal." The consequences for academic dishonesty are a grade of zero recorded for that assignment, disciplinary referral sent to an administrator, and parent notification.

**After school tutoring is recommended and available by appointment. Please see me for a time immediately so we can correct or check any problem you have. The sooner we look the "problem," the easier it will be to correct the problem and get you on the right path. 100 % effort is the only way.**

**To the parents:**

**Please e-mail me at [gillies.nicholas@mail.fcboe.org](mailto:gillies.nicholas@mail.fcboe.org) once you have read through the syllabus. If you have any questions include those in your e-mail and I will respond in a timely manner.**

*Please note that this syllabus is subject to change at the teacher's discretion in order to meet the needs, interests, and ability of students.*

### Course Syllabus Acknowledgement Form

By signing below I acknowledge the following:

I have read and understand all of the objectives, requirements, and expectations outlined in the course syllabus for Mr. Gillies's Physics course.

I may contact Mr. Gillies at Starr's Mill High School if I have any questions or concerns.

This syllabus is subject to change at the teacher's discretion in order to meet the needs, interests, and abilities of students.

Student's Name (please print): \_\_\_\_\_ Class Period: \_\_\_\_\_

Student Signature \_\_\_\_\_ Date: \_\_\_\_\_

Parent's Name (please print): \_\_\_\_\_ Phone: \_\_\_\_\_

Parent/Guardian Signature \_\_\_\_\_ Date: \_\_\_\_\_

E-mail: \_\_\_\_\_