**Physics Syllabus**

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| **Teacher** | **Mrs. P. Molugoori** | |
| **Email** | [molugoorip@fultonschools.org](mailto:molugoorip@fultonschools.org) | |
| **Office Hours** | By appointment one day ahead of seeking help. | |
| **R.I.S.E** | 30-minute R.I.S.E. sessions will start before school at 7:40am on Thursdays. These sessions are for content help only. | |
| **Overview** | Physics is “the branch of science concerned with the nature, properties, and interactions of matter and energy.” The study of physics seeks to answer our most fundamental questions about our world and the phenomena surrounding us. The Physics curriculum continues students’ investigations of the physical sciences. The course is designed to provide students with the necessary knowledge and skills in physics. Physics extends the physical sciences to more abstract concepts. These concepts are investigated through laboratory experiences and fieldwork designed to develop appropriate knowledge and skills in science as inquiry. | |
| **Textbook** | *Physics –* Walker | |
| **Materials** | * personal or county-issued device appropriate for the learning environment * digital pen compatible with your screen for your PC, MAC, or tablet (recommended) * scientific calculator * pencil * notebook paper * graph paper | |
| **Grading Policy** | **Grading Scale:**   * 90% -100% A * 80% - 89% B * 70% - 79% C * Below 70% F | **Grading Weights:**   * Major: 55% * Minor: 35% * Practice: 10% |
| **Codes in Infinite Campus:**   * NG – No Grade, I – Incomplete, M – Missing | |
| **Final Exam** | If a final exam is administered each semester, it will count as one major assessment. | |
| **Grading Categories** | * **Major (55%)**: an assignment or assessment that is cumulative in nature that measures learning targets from multiple standards/skills. Majors will include unit assessments, projects, or performance tasks. Assignments in the major category may be labeled: interim, test, essay, report, project, lab report, ADI, and case study. (This is not an all-inclusive list.) * **Minor (35%)**: an assignment or assessment that measures an individual learning target, standard, or subset of learning targets/standards/skills within a unit. Minors will include quizzes, projects, lab investigations, or performance tasks. Assignments in the minor category may be labeled: one-pager, essay, or quiz, (This is not an all-inclusive list.) * **Practice (10%)**: Daily assignments, observations, and engagement**\*** activities given in class or for homework to build prerequisite skills, measure progress towards mastery of a learning target or standard, enrich, and remediate skills. Assignments in the practice category may be labeled: homework, notebook check, Gallery Walk, Vocabulary Awareness Chart, and graphic organizers. (This is not an all-inclusive list.)   A minimum of 2 Major, 3 Minor, and 3 Practice assignments will be included in each 9-week grading window.  \*Engagement/class participation can look different, depending on the individual. Some common participation ideas include raising hands, contributing to discussions, asking and answering questions, and actively taking notes. Other forms of participation for students with social anxiety, communication delays or disorders, executive functioning weaknesses, etc., may look like simply orienting body toward the speaker during discussions (with or without eye contact), arriving on time, coming prepared with materials needed for class or making an effort to prepare materials, contacting instructor for individual support during or outside of class, writing questions down on paper instead of asking aloud, attending instructor’s office hours, collaborating with a peer on content, staying in a designated area for work time, etc. | |
| **9-Week Grading Counts** | The following estimates the number of grades entered for each 9-week grading cycle. The exact number is subject to change at the discretion of the instructor or PLC.   * Major – 3 * Minor – 3 * Practice – 3 | |
| **Classwork/Homework** | Classwork or homework will be assigned daily. Students are expected to show evidence demonstrating their thinking. | |
| **Attendance &**  **Make-Up Work** | Regular attendance in this class is essential for each student to be successful.   * Upon returning to school, students will have an equal number of days as they were absent to complete any late/missing assignment, assessment, or task(s) for full credit. * After the deadline of an equal number of days a student was absent, teachers may begin deducting points from a late/missing assignment, assessment, and task(s) (maximum 25% deduction). * If a student fails to turn in a late/missing assignment, assessment, and task(s), a zero may be entered in the grade book. | |
| **Missing/Late Work Policy** | Students will be given due dates for all graded assignments. Work will be accepted up to 10 days after the due date, with a 10% grade deduction after the first day late. Work will not be accepted more than 10 days after the due date, and a **missing grade** labeled “**M**” will remain in Infinite Campus. Missing grades are equal to zero in the grade calculation. | |
| **Recovery Policy** | Students will be allowed to recover all major assessments if they score below 75% on the assessment.   * Students are limited to one recovery attempt per major assessment that meets the threshold for recovery. * Recovery must occur before the next major assignment/assessment is given or within 10 days of the date the assignment/assessment is posted in Infinite Campus, whichever comes first. * Recovery of a major assessment should occur before the next major is given. * Eligible students can earn a replacement grade no higher than 75%. * If the recovery grade is below the original score, the original score should stand in the grade book. | | |
| **Conduct**  **& Honor Code** | All students are expected to be on time, prepared for class, respectful of others, and involved in all class activities. Appropriate language is always expected—except for bottled water, no food or drinks in the classroom.  HONOR CODE POLICY  The faculty supports a firm policy against cheating to encourage fair assessments and authenticate learning. Examples of cheating, which could include areas such as:   * copying or "borrowing" from another source and submitting it as one's own work * seeking or accepting unauthorized assistance on tests, projects, or other assignments * altering or forging grades, gradebooks, progress reports, report cards, or other academic records * fabricating data, signatures, or resources * providing or receiving test questions in advance without permission * working collaboratively with other students when individual work is expected   Students guilty of an honor code violation will receive a grade of “zero” on the assignment or test and a day of Saturday School.  Students who have distributed material or information to others that violates the Honor Code may receive up to 5 days of OSS.  **The assignment may not be made up (students with a “zero” are not eligible for recovery). Additionally, the teacher will complete a behavior referral in Infinite Campus, and the appropriate administrator will be notified.  Students receiving an Honor Code violation will be assigned Saturday School as outlined in the Fulton County Code of Conduct & Discipline Handbook.  Please note that your college application may ask you to report instances of academic dishonesty.**  I encourage you to talk to your teachers if you need help using or citing information different from your original work. | | |
| **Checking Grades** | Grades are available to view and monitor via **Infinite Campus.** Parents may check grade summaries and dates of upcoming assessments. Assessments may take several days to grade and enter into Infinite Campus.  Grade reports are created as follows:   * Progress Reports (Every 4.5 Weeks) * Report Cards (End of the Semester: 18-week and 36-week) | | |
| **Student Supports** | * English learners, students with disabilities, and students with 504 plans will receive accommodations or modifications on all major and minor assessments and practice assignments as identified in their IEP, EL Strategy, and Accommodation Plan, or 504 Accommodation plan. These plans are developed by designated teams based on individual student needs. | | |
| **Tardy Policy** | Students are expected to be in class and ready to work before the bell sounds for class to begin. Students arriving tardy less than 10 minutes to school or any class period are to report immediately to class. If the student has a note or is more than ten minutes late to any class period, they should report to the attendance office for a pass that must be presented to the teacher to gain admittance to class. Per our school’s parking policy, accumulated tardies that result in ISS may also result in the suspension of student parking privileges. Excessive tardies to school will result in a referral to the student’s assistant principal and school social worker. | | |
| **FCS PCD Policies** | **18f.II 18f.II Prohibited Use of Personal Communication Prohibited Use of Personal Communication Devices (PCD) During School**   * Possession of Personal Communication Devices (PCD) (e.g., cell phones, tablets, recording devices) by a student at school during school hours is a privilege that will be forfeited if a student fails to abide by the Student Code of Conduct. * The use of PCDs during the school day is not allowed in grades Pre-K through 5. The use of PCDs during the school day is not allowed in grades Pre-K through 5. * PCDs will only be permitted in grades 6 through 12; the use of PCDs is not allowed during instructional time and will only be permitted when students are explicitly instructed to do so.   **18g.III Inappropriate Recording and Distribution Inappropriate Recording and Distribution Using Personal Communication Devices (PCD) Using Personal Communication Devices (PCD)**   * The use of cell phones and other PCDs for non-educational purposes, including but not limited to recording staff and students without permission or other inappropriate content, is strictly prohibited. In addition, using a cell phone or other personal communication device to record a fight, battery, or any other inappropriate content and either sharing with others (e.g., airdrop, nearby share, ShareIT, etc.) or uploading the video to any other type of social/web-based media is also strictly prohibited. * Consequences for doing so may result in up to a 10 Day suspension and a referral for a discipline hearing Consequences for doing so may result in up to a 10 Day suspension and a referral for a discipline hearing with a recommendation for long-term suspension. | | |
| **High School Website** | [Alpharetta / Homepage (fultonschools.org)](https://www.fultonschools.org/alpharettahs) | | |
| **Common Syllabus** | [AHS Common Syllabus](https://drive.google.com/file/d/1O2t7Lj8lKHSG6tYeCSYrlRiBJFXqfvVt/view?usp=sharing) | | |
| **Non-Academic Skills** | Feedback will be provided to students and parents/guardians in areas beyond academic mastery. The non-academic skills include:   * Self-Direction * Collaboration * Problem Solving * Work Habits   The ratings for non-academic skills are as follows:   * Consistently Demonstrates (CD) * Often Demonstrates (OD) * Sometimes Demonstrates (SD) * Rarely Demonstrates (RD) | | |