**Elkins High School**

Theme - Professionalism, Accountability, Communication

**IPC- Integrated Physics and Chemistry 10th grade**

**Course Syllabus 2025-2026**

**Teacher Name**  **E-mail Address**  **Room Number (at Elkins)**

Mrs. Gladys Esiaba [gladys.esiaba@fortbend](mailto:gladys.esiaba@fortbend) isd.gov **233**

**Teacher’s Conference Period:** **Pd 6 1.04 - 1.54** pm (Regular Bell schedule)

**Course Description:**  
Integrated Physics and Chemistry (IPC) is a foundational science course designed to introduce students to the basic principles of both physics and chemistry. Through hands-on experiments, engaging activities, and problem-solving exercises, students will explore key concepts such as motion, forces, energy, waves, matter, chemical reactions, and the properties of substances.

The course emphasizes the practical application of scientific principles to real-world situations, encouraging critical thinking and analytical skills. Students will learn how to conduct scientific investigations, collect and analyze data, and communicate their findings effectively. IPC serves as a bridge to more advanced science courses, such as Biology, Chemistry, and Physics, by building a strong understanding of fundamental concepts.

**Key Topics Include:**

* The Scientific Method and Laboratory Safety
* Properties and States of Matter
* Atomic Structure and the Periodic Table
* Chemical Bonds and Reactions
* Motion, Speed, and Acceleration
* Newton's Laws of Motion
* Energy Transformation and Conservation
* Waves, Sound, and Light
* Thermal Energy and Heat Transfer

**Learning Outcomes:**  
By the end of the course, students will:

* Demonstrate a solid understanding of basic physics and chemistry concepts.
* Apply scientific reasoning to solve problems and explain phenomena.
* Conduct and analyze experiments using proper laboratory techniques.
* Develop an appreciation for the role of science in everyday life.

This course is ideal for students preparing for future studies in science, technology, engineering, and mathematics (STEM) fields.

**Materials:**

* Pen or pencil/ eraser
* Colored pencils
* Composition Notebook
* District issued laptop
* Student’s Cell Phone if Laptop is not functioning (teacher pre- approval)

**Grading Table**

Grades will be reported using a numerical average based on a minimum of 9 grades per course, per grading period. This includes 3 major and 6 daily grades. Assignments will be based on

Classwork, Tests/ Exams, Projects, Homework, Labs and Performance Assessments, Quizzes, Warm-Ups & Exit Tickets.

Assignments and Grades are modified according to individual needs and students IEP plan, as well as skills and prerequisites.

50% - Test Average The final exam will count for 15% of

50% - Quiz/Daily/HW Average the semester grade with the two nine weeks

averages adding up to 85% of the semester grade.

**Grading Equivalency:**

100-90% = A

89-80% = B

79-75% = C

74-70% = D

69% or below = F (every opportunity will be provided to aid you in passing this class)

**School Policies:**

All school and district policies will be rigidly enforced—no exceptions! Students must be familiar with and abide by the guidelines in the FBISD / Elkins High School Student Handbook pertaining to such areas as discipline, attendance, and academic honesty, etc.

**Tutoring Schedule:** The teacher will be available during the Conference period daily for any assistance to students/ parents, unless assigned any other duty.

Tuesdays and Thursdays 3.00 -3.30 pm is also assigned for any student tutorials as needed.

**Class Expectations**

* No Electronics- Cellular phones, ear phones, head phones and electronic - watches are not permitted in class.
* Prepared - Come to class positively, prepared to participate and on time. Have your materials ready by the bell.
* Actively participate - Stay on task and follow directions. Wait for your turn. Do not interrupt.
* Rest-room use - Use the restroom before coming to class and keep to the 10-10 rule.
* Be courteous and respectful Be open minded Be willing to try new things Be flexible

**Laboratory Safety Policy:**

Students will adhere to lab safety policies and regulation, as taught during the first week of the school year and reviewed/ applied routinely in course of the school year.

**Homework & Daily Work:**

Unless specified by student’s individualized support, assignments are considered late if not returned on specified dates. 10 points will be deducted daily, until 5 days before the end of each grading period, when a grade of 0% will be issued for failing to submit work.

**ABSENCE:**

* All work missed during any absence must be **made up**.
* It is ***the student’s responsibility*** to check the Schoology folder on the day missed
* It is the student’s responsibility to inform the teacher of the completed missed work via email. All work will be returned based on the number of days the student was absent.

Example: 1 day absent, 1 day to complete it. 3 Days absent, 3 days to bring it back completed, etc.

**Re-test Policy:**

Students will be allowed to re-take assignments below grades of 75 during a 10- day time frame from the assignment. This adheres to district policy. The teacher will reteach unmastered content.

**Re-Test Exams:**

* Re-Tests are done before or after-school --- not during class so as the student doesn’t miss instructional time
* Tests can be re-taken one time only as determined by the teacher per unit. To prepare for the Re-Test, there will be Re-Teach opportunities during before and after-school tutorials.

**Make Ups Exams:**

* When absent on the day of the Test Review only but present all other days of instruction, the student will take the test with the rest of the class on the previously announced test date.
* A teacher’s absence on review day does not change the originally scheduled test date, so **BE PREPARED!**
* Absent on Day of Exam, it is the student’s responsibility to set up a before or after school tutorial time to make it up

**Academic Dishonesty/Cheating.** EIA (Local) states: A student found to have engaged in academic dishonesty shall be subject to grade penalties on assignments or tests and disciplinary penalties, which may include disqualification from participation in academic awards/programs, in accordance with the Student Code of Conduct.

Academic dishonesty includes, but is not limited to:

* Cheating or copying the work of another student,
* Plagiarism,
* Unauthorized access to written or electronic information, and;
* Unauthorized collaboration with another person in preparing an assignment or during an examination.

The determination that a student has engaged in academic dishonesty shall be based on the judgment of the classroom teacher or another supervising professional employee, taking into consideration written materials, observation, information from students, or other evidence.

**Academic Dishonesty/Cheating** is not tolerated. This also includes the unauthorized use or visibility of technological devices (ex: cell phones, air pods, or smart watches). The unauthorized use or visibility of technological devices may result in the confiscation of the device along with a grade reduction of a 0 (Zero) for the grade and/or ineligibility to make up the assignment or to retest. Giving and/or receiving unauthorized assistance from another student on a Daily or Homework assignment will result in a 0 (Zero) in the assignment with no possibility of making it up.

**Academic Dishonesty/Cheating** also includes the use of AI not aligned with the Fort Bend ISD AI Handbook. If a student is caught using AI misaligned with the expectations in the Fort Bend ISD AI Handbook, it will be considered academic dishonesty/cheating, and grade reductions and ineligibility to re-do the work or retest will also apply (reference the above paragraph).

**CELL PHONE POLICY: (MUST BE ALIGNED TO FORT BEND ISD)**

**Skyward:** This is the location for your most current and accurate grades. Please continuously check your grade and attendance in Skyward. Any errors will be corrected and updated

**Exemptions:** Any class period with absences (both excused and unexcused) exceeding 8, the student must take the final semester exam. Additionally, 3 tardies = 1 absences; therefore, be on time to class!

**Schoology:** Please use this website to find your teacher’s syllabus, important information, notes, homework, projects, essays, rubrics, lesson plans, and extra classroom materials needed for the school year.

Continue to check as it is updated regularly.

**Tutorials:** 3.00 to 3.30 pm Tuesdays and Thursdays

**Afternoon Tutorials: Must be in the class by 3:00 pm or exit the building**

**Technology:** Cell Phone, Air Pods, and Smart Watches Must be aligned to Fort Bend ISD. Students may only use their district issued laptops when in the classroom. No personal laptops or iPad may be used at any time. Students may only be on their district issued laptop when given permission by the classroom teacher. Students who do not abide by teacher directives with district issued technology will receive discipline aligned with the student code of conduct.

**Hall/Restroom Passes:** **No passes allowed during the first or last 10 minutes of class** and the rest of class time is up to the discretion of the teacher. Take care of your personal needs during the 6-minute passing period or during lunch.

If given permission to use the restroom, the student must sign out, noting the exit and arrival- back time, and leave with a pass from the teacher. There is a 5 min time limit.

**No passes or breaks are allowed during the 5th period.**