

# Honors Physics Syllabus

---

## Teacher

Mr. Ron Loyacano, Ed.S.

## Teacher Education

*Education Specialist Degree in  
K-12 Leadership*

*Master's Degree in Educational  
Leadership*

*Bachelor of Science Degree in  
Secondary Science Education*

## Email

rloyacano@conroeisd.net

## Teacher Web Page

<http://mrloyacano.net>

## Classroom

TWCP Room 3103

## Teacher Schedule

Periods 1,2,3,4,6,7: H. Physics

Period 5: Conference

## Course Overview

Students conduct laboratory and field investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem solving. Students study a variety of topics that include: laws of motion; changes within physical systems and conservation of energy and momentum; forces; thermodynamics; characteristics and behavior of waves; and atomic, nuclear, and quantum physics. Students who successfully complete Physics will acquire factual knowledge within a conceptual framework, practice experimental design and interpretation, work collaboratively with colleagues, and develop critical thinking skills (Texas Education Agency [TEA], 2010, Chapter 112.39).

## Textbook

Serway, R.A., & Faghn, J.S. (2015) *Texas physics*. Orlando, FL: Houghton Mifflin Harcourt Publishing Company

## Required Supplies

Students will receive a daily grade of 5.0 (100%) for bringing in supplies by Monday, August 20, 2018

- **Loose leaf paper for binder (approx. 8 ½" x 11" 3 hole-punched).**
- **Three-ring binder (1-inch minimum) with pockets (multi-subject allowed).**
- **Each student will turn in one pack of #2-yellow pencils.**

**Each student will turn in one additional supply:**

- **If your last name begins with A-F, turn in one box of Kleenex**
- **If your last name begins with G-L, turn in one 12-inch ruler (metric and English).**
- **If your last name begins with M-R, turn in one pack of four (AAA) Alkaline Batteries.**

- If your last name begins with S-Z, turn in one protractor (6-inch base open center).

## Resources

- Teacher email: rloyacano@conroeisd.net
  - Email is a great way for both parents and students to contact me.
- Canvas website <https://conroeisd.instructure.com/login/canvas>
  - Canvas is an online content management system (CMS) that contains electronic copies of everything that we do in class including assignments, notes, quizzes, major projects, videos, tutorials, and more. The Canvas calendar is a good place to check assignment due dates, test due dates, project due dates, and more.
- Teacher class website <http://mrloyacano.net>
  - This website contains a wealth of information and resources. The Google calendar that is embedded on <http://mrloyacano.net> provides information that the Canvas calendar does not. That is, the details of what we did in class on any given day are provided in this calendar and updated daily. This calendar is helpful for students that are absent and want to know what we did in class that day. The calendar is accessible by clicking the TOP tab on the web page (i.e. scroll up and find the tab that reads: Slide Down for Calendar). Students can access <http://mrloyacano.net> from Canvas with a link located in the course navigation menu.

## Late Policy

Unexcused late daily work will not be accepted. Canvas quizzes will be accepted late for 80% of grade earned. For example, a grade of 4.0 would be reduced to 3.2 ( $0.8 \times 4.0 = 3.2$ ).

## Missed Test Policy

Students will have 1-week to make up a missed test. Testing is offered only during before or after school tutorials.

## Grades

Grades are determined by major projects (once per nine weeks), major tests (3-4 per nine weeks), online Canvas quizzes (1 or 2 per unit), daily work, and homework.

## **Tutorials**

Tutorials are offered after school in my classroom room 3103. My tutoring schedule is posted in Canvas and accessible by students and parents. Students always sign in during tutorials.

## **RETEST Policy**

Students will have one opportunity per nine weeks to take an optional quarter comprehensive exam. The comprehensive exam grade will replace the lowest test grade.

Before students can take the RETEST or the optional comprehensive exam, all TWCP RETEST requirements must be completed (i.e. completed TWCP retest form and 60 minutes of tutorial attendance). In addition, no Canvas quiz grades can be lower than 2.0 (before late deduction). Any Canvas quiz grades below 2.0 must be retaken prior to the quarter comprehensive final exam.

## **Leaving Class Policy**

Students are afforded plenty of time between classes to use restroom facilities, drink water, etc. With limited class time, students should not be leaving class for personal errands or other non-emergency reasons. Students will sign out before leaving class. Parents will be notified once students have requested to leave class more than three times during a 9-weeks grading period.

## **Electronic device Policy**

All cell phones **MUST** be turned in at the beginning of each class. Each student is assigned a cell phone pocket number which is located on the wall by the classroom entrance door. Electric outlets have been installed adjacent to the cell phone pockets to allow students the option of charging their phones during class.

Any student that does **NOT** turn in a cell phone upon entering the classroom will be required to sign a sheet stating that he/she is **NOT** in possession of a cellular device.

Students will be allowed to use their electronic devices during selected assignments. During these instances, students will be allowed to retrieve their cell phones from the calculator pockets.

## **Dress Code, Headphone, Hat, and Jacket Hood Policy**

All students are required to follow the TWCP dress code. In addition to the dress code, students will not wear headphones including the wires that connect them. Students will not wear or possess a hat during class. And students will not wear a jacket hood on his or her head during class.

## **Rules**

Participation in the learning process is required from all students. Therefore, 100% on-task behavior is required from each student always in this class. Sleeping is not an option.

No student will be allowed to hamper the learning environment in any way.

No eating or drinking during class except bottled water.

No vandalism or destruction of classroom property, lab materials, etc. Vandalism may include, but not limited to, graffiti on the desk or lab tables, intentional breaking of lab equipment, abuse of computer or technological equipment, etc.

## **Consequences**

If a student repeatedly violates the classroom or school rules, the teacher will begin an intervention plan by attempting to reach out to parents via email or phone call. After parental contact, continuous infractions will result in behavioral referrals submitted to the assistant principal.

*Disclaimer: This syllabus, while intended to inform both students and parents of the teacher's plans for classroom rules and procedures, is NOT to be construed as a contract and may be changed at any time with or without notice.*