

# Hawai'i APSI 2025 Agenda



Date: 14-17 July, 2025  
Time: 8:00 am-4:00 pm  
Damien Memorial School

## Theme:

Embracing the spirit of aloha!  
(The Aloha Spirit - Compassion and kindness to all with whom we cross paths in our everyday lives)

## Course Description:

During this AP Physics 1 @ Hawaii APSI, you'll explore the course framework, the exam, and the new AP resources that will help you plan and focus instruction—and give you feedback throughout the year on the areas where individual students need additional focus. You'll also learn about completing the digital activation process at the start of the school year that will give you immediate access to the new resources and will help ensure that your students can register for AP Exams by the new fall deadlines. By attending this APSI, you'll gain deeper insight into the following key takeaways, among several others: Understand the Course; Plan the Course; Teach the Course; Assess Student Progress; and Engage as a Member of the AP Community. In addition, specific attention will be paid to the following AP Classroom resources: unit guides, personal progress checks, AP teacher community, and the AP question bank.

## The following are some of the goals for the week:

- Understand how to best prepare students for the AP Physics 1 exam
- Understand the exam format, including the four types of FRQs
- Practice labs that help students learn the content of Physics 1
- Become proficient using the resources in AP Classroom
- Formulate a yearlong plan and one unit plan

## Expected outcomes for the 4-days:

- Become confident teaching the content of AP Physics 1
- Become knowledgeable about the format and question types on the exam
- Learn about resources that help students' conceptual understanding
- Complete a plan for pacing the year, as well as the pacing for one unit
- Become more comfortable teaching fluids



## What should participants bring to the workshop?

- School calendar
- Laptop
- Calculator
- Textbook (digital version is fine)
- Favorite activity to share with the group

## Agenda for Days 1-4

This schedule may change in accordance with the participant needs as determined during the first day of the workshop

### Day 1

- Introductions
- Course and Exam Description and Course Planning (2 hours)
- Exam Format
- Analysis of multiple-choice questions
- Discuss FRQ types
- Pivot Activity
- Physics 1 Workbook
- Graphing Lab

### Day 2

- Pivot Session
- Expanding AP Opportunities (1 hour)
- Strategies and Pedagogical Tools (3 hours)
- Syllabus Development/Audit
- Analysis of Mathematical Routines FRQ
- Lab Report Expectations
- Fluids Lab

### Day 3

- AP Classroom and AP Daily (2 hours)
- Develop Fluids Unit Curriculum
- How AP tests are developed/scored
- Equipment students need to be familiar with
- Simulations: pHet, Physics Aviary, Ophysics
- AAPT, Publications
- Analysis of Translating Between Representations FRQ
- Book Discussion
- Newton's second law lab

### Day 4

- Assess and Reflect (2 hours)
- Analysis of Lab FRQ
- Rotation Lab
- Sharing
- Final Questions