

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® Pre-Calculus 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:

- Explore what AP Precalculus is and who it is for.
- Discuss and investigate the four major themes: Covariation, Rate of Change, Properties and Behaviors of Functions, Modeling.
- Gain a better understanding of the Course and Exam Description and the Exam Format.
- Gain more resources.

Expected outcomes for the 4-days:

- Understanding the course of AP Precalculus
- Determining a plan for your course
- Teaching activities
- Assessing student progress and understanding

What should participants bring to the workshop?

- The graphing calculator that you will use in your classroom.
- A laptop or tablet
- Paper and pencil/pen/highlighters
- Digital copies of activities used in class.

Agenda for Days 1-4

This schedule may change in accordance with the participant's needs as determined with the pre-survey and during the workshop.

Day 1

- Understanding the Course and Exam Description
 - Course Framework
 - Skills and Mathematical Practices
- Unit 1: Polynomial and Rational Functions
- Exam Format
 - Digital Format
 - Directions
 - Task Verbs used in FRQs
- Free Response Question #1 from past exams and practice exams
- AP® Course Audit
- AP® Community

Day 2

- Technology - usage and required functionality
- Broadening Access to Advanced Placement - ongoing topic
 - AP® Equity and Access Policy
- Unit 2 - Exponential and Logarithmic Functions
- Free Response Question #2 from past exams and practice exams

Day 3

- Practice Multiple-choice questions
- AP® Classroom
 - Gaining Access
 - Accessing reports - Instructional Planning Report (IPR)
- Broadening Access to Advanced Placement - continued
- Unit 3 - Trigonometric and Polar Functions
- Free Response Question #3 from past exams and practice exams

Day 4

- Free Response Question #4 from past exams and practice exams
- Pacing
- Resources
- Formative Questions
- Broadening Access to Advanced Placement - continued
- Unit 4 - Functions Involving Parameters, Vectors, and Matrices

Please feel free to bring along activities to share and discuss.