

Hawai'i APSI 2026 Agenda



Date: 20-23 July, 2026
Time: 8:00 am-4:00 pm
Farrington High School

Theme:

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

AP[®] Calculus Course Description:

During this four-day workshop, new and experienced instructors will acquire the strategies and pedagogical tools necessary to teach the AP Calculus AB course at their schools. Specifically, participants will explore the College Board's Course and Exam Description for AP Calculus, AP Classroom and the suite of resources associated with it, the Instructional Planning Report, best practices for encouraging student engagement in the math classroom, and, most importantly, the actual content of the AP Calculus AB course. Participants will also gain a better understanding of the AP Calculus AB exam as they delve into its structure, the manifold ways it assesses students' skills and content knowledge, and the detailed scoring rubrics the College Board develops to ensure students' free-response solutions are graded fairly and consistently. Participants will have the opportunity to discuss the teaching of calculus; and they will be given time to collaborate as they plan and pace their course, scaffold the content, spiral review into their instructional agenda, and identify strategies they can employ to expand AP opportunities for all students who have the necessary academic preparation for calculus. Educators will leave the workshop with a plethora of classroom-ready resources – including guided notes pages, worksheets, games, hands-on activities, demonstrations, and assessments – they can use when they themselves teach the AP Calculus AB course.

Tentative Agenda for Days 1-2

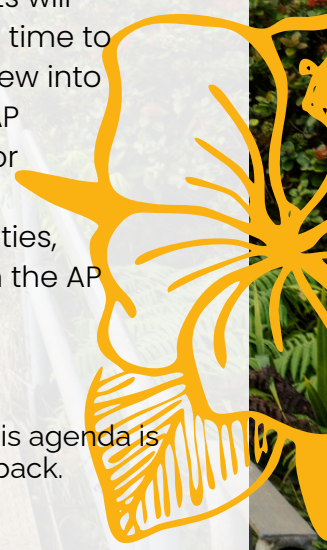
The agenda below shows the big ideas that will be covered throughout the week. This agenda is tentative and subject to change based on participants' interests, questions, and feedback.

Day 1

- Introductory Activity: The FTC and the CED
- Using the Graphing Calculator in the AP Course
- Limits and Continuity
- Laying the Foundation for Derivatives
- Wrap Up / Parking Lot Questions / Open Discussion

Day 2

- Parking Lot Questions / Open Discussion
- Checking Conditions and Applying Theorems
- Course Planning and Pacing Discussion (with the CED)
- The Definite Integral and Accumulation
- Gamifying AP Exam Practice
- Wrap Up / Parking Lot Questions / Open Discussion



Tentative Agenda for Days 2-4

The agenda below shows the big ideas that will be covered throughout the week. This agenda is tentative and subject to change based on participants' interests, questions, and feedback.

Day 3

- Parking Lot Questions / Open Discussion
- Connecting f , f' , and f'' (with Use of AP Classroom)
- Selecting and Applying Integration Techniques
- Slope Fields, Differential Equations, and the Instructional Planning Report
- Wrap Up / Parking Lot Questions / Open Discussion

Day 4

- Parking Lot Questions / Open Discussion
- Reviewing and Preparing for the AP Exam
- Expanding AP Opportunities
- Building Solids with Planar Bases
- Volumes of Solids
- One-Dimensional Particle Motion
- Raffle and Prizes / Surveys / Wrap Up

