

# **Summer Enrichment Classes**

## **Essential Mathematics for Physics Students**

**Aims:** This is a summer lecture series in essential mathematics for 1<sup>st</sup>/2<sup>nd</sup> year/AD students who plan to major/minor in physics or minor in astronomy. It is optional and non-credit bearing for interested students.

**Contents:** Applications of Calculus, Linear Algebra and Differential Equations in Physics; the Tips, Methods and Techniques for Solving Physical Problems will be discussed.

**Due Date of Registration:** June 30, 2026 at 6:00 pm

**Contact Person:** Dr. Judy F.K. CHOW

**Registration via Google form:** <https://forms.gle/hD4bAE75C3sN9HfHA>

**Course Material Website:** <https://www.physics.hku.hk/~phys1150/SEC2026>

### **Class A: For the First-Year Students / AD Students**

Date: August 11 (Tue), 13 (Thu), 17 (Mon), 19 (Wed), 21 (Fri), 2026

Time: 10:00 am – 12:00 pm

Venue: Rm 117, Hui Oi Chow Science Building

Assumed Knowledge: PHYS1150 Problem Solving in Physics

### **Class B: For the Second-Year Students / AD Students**

Date: August 10 (Mon), 12 (Wed), 14 (Fri), 18 (Tue), 20 (Thu), 2026

Time: 10:00 am – 12:00 pm

Venue: Rm 117, Hui Oi Chow Science Building

Assumed Knowledge: PHYS2150 Methods in Physics I