



# POLYU SUMMER PROGRAMME 2022

## CIVIL AND ENVIRONMENTAL ENGINEERING

**9 August 2022 (Tue)**  
**2:30pm – 5:30pm**

**Programme fee:** \$50 (Refundable deposit)

**Target participants:** 50 participants from Secondary 4 & 5

**Medium of instruction:** Cantonese

**Mode:** Face-to-face

### Activity Highlights

**01 Introduction of  
CEE Academic Programmes**

**02 Laboratory Visits**

**Prizes and certificates will be  
presented to winning teams!**

### 03 Plastic BRIDGE Challenge

The Challenge involves design, fabrication and testing of a bridge structure. Teams of high school students will be given one hour for the fabrication with plastic sticks only.

Each bridge structure has to support loads which will be successively added until the structure collapses. Judging criteria include:

- Strength to weight ratio;
- Aesthetic and innovation