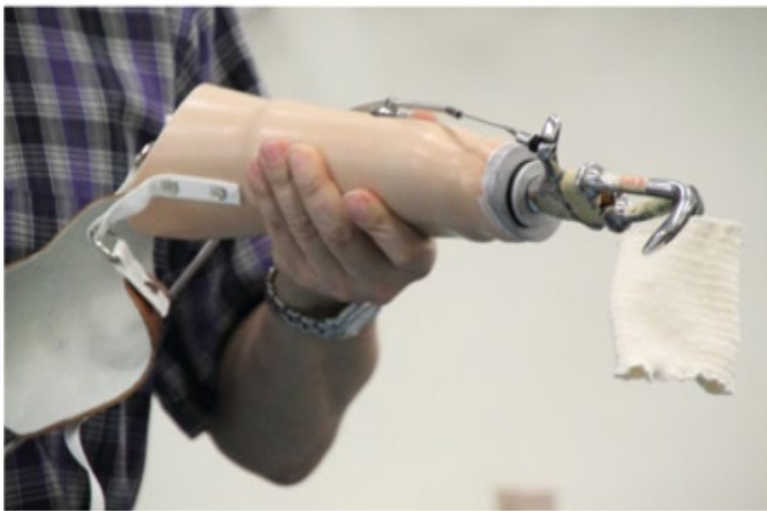E1BME001W

(Token- required)

## Biomedical Engineering Workshop (Level I):

# Prosthetic Limb Controlled by Electrical Signal from Your Muscle

Tutor(s) from Department of Biomedical Engineering (BME), The Hong Kong Polytechnic University (PolyU)



**Prosthetics and orthotics**

**Rehabilitation engineering**

## Intended Learning Outcomes

Upon completion of the programme, participants should be able to:

1. build a simple prosthetic limb;
2. recognise the BME programme and career pathways.

**Application Deadline**

**12 Jul 2022**
**12:00 noon**

If student members withdraw from the programme after the Application Deadline, the token will be deducted.

# ◆ Introduction

This workshop is one of the summer programmes organised by The Hong Kong Polytechnic University (PolyU) to nurture secondary school students to experience university education. (See Poly U Summer Programme 2022)

For details of this Biomedical Engineering (BME) workshop, please visit HERE.

# ◆ Schedule

| Session | Date | Time | Venue |
|---------|------|------|-------|
| 1 | 18 Aug | (AM Session) 9:30 a.m. – 11:30 a.m.<br>or<br>(PM Session) 2:30 p.m. – 4:30 p.m. | The Hong Kong Polytechnic University<br>(Details to be confirmed) |

Remarks:

1.  Students can only participate in either one of sessions, AM or PM.

2.  PolyU is scheduled premises under the Cap. 599F, all persons entering the base, except for exempted persons, are required to scan the "LeaveHomeSafe" QR code and comply with the requirement of the Vaccine Pass. For details, please refer to the latest Government announcement in a timely manner.

# ◆ Target Participants

- S4 – S5 HKAGE student members only in 2021/22 school year

- Class size: 3

\* First-come-first-served.

# ◆ Pre-requisite

Students taking Science, ICT or M1/ M2 subject(s)

# ◆ Medium of Instruction

Cantonese supplemented with English

# ◆ Certificate

Certificate will be issued by PolyU.

# ◆ Programme Fee

$50

HKAGE will nominate students to join this programme. After the application is accepted by PolyU, students have to pay the programme fee to PolyU. Students who complete the workshop and obtain the certificate can apply for full programme fee reimbursement. We will notify the details about the payment and reimbursement via email.

◆ **Enquiries**  📞 3940 0101  ✉ programme@hkage.org.hk