



# UNDERWATER ROBOT COMPETITION 2019

(COM/UWR)

## Introduction

139 teams from local primary and secondary schools participated in the Underwater Robot Competition 2015 - 2018 which were launched by Hong Kong University of Science and Technology (HKUST). With enthusiastic responses, the workshop and competition will continue in 2019, which will be held on 9, 10, 23, 24 March and 6, 7 April 2019.

The Competition includes inter-school competition and group competition. Each school team will have to design their unique underwater robots to compete with other teams and groups. Their underwater robots will have to complete a series of missions underwater. For details, please check at <http://uwrobot.ust.hk/competition2019.pdf>

## Programme Type / Level

Intermediate Course in Robotics ([Token-required](#))

## Instructor(s)

Instructors from Hong Kong University of Science and Technology;  
HKAGE team will be accompanied by a HKAGE officer

## Target Participants



- P4 – S3 HKAGE student members
- Class size: 5

## Medium of Instruction



Cantonese / English

## Certificate



❖ **Certificate** will be issued by the organizer

## Intended Learning Outcomes



- Upon completion of the programme, participants should be able to:
1. Nurture social inclusion among students with different abilities;
  2. Understand the fun of Science, Technology, Engineering, Arts and Mathematics (STEAM);
  3. Understand the value and needs of students with different abilities; and
  4. Discover talent from disadvantaged background.

## Screening



Please answer the screening question in the online application form.

\*The screening question is designed to help the applicant understand the course level and the course content. The question must be answered by the student applicant and it can only be attempted once. The answer cannot be changed once the application is submitted. Selection is based on students' performance in answering the question. Only students who can demonstrate motivation and the basic knowledge of Robotics in the screening question can be enrolled in the programme.

## Application Deadline

**31 Dec 2018**

## Application Result Release Date

**4 Jan 2019**

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

## Schedule



Session	Date	Time	Venue
1#* (Workshop)	9 Mar OR 10 Mar	Full day, Time to be confirmed	HKUST
2* (Preliminaries)	23 Mar OR 24 Mar		
3^ (Finals-Interschool Competition)	6 Apr		
4^ (Finals-Group Competition and Prize Presentation Ceremony)	7 Apr		

#Workshop: Materials and tools will be provided to school teams. They will receive trainings on basic robot skills. A mentor will guide them throughout the workshop and competition.

\* Date of the inter-school competition will be confirmed by the organizer later.

^Only teams are promoted in preliminaries could join the finals.

+ According to the organizer, participant must agree this regulation to join the competition: **Photos and video images taken during activities and programs will be used within 5 years in reports, newsletters, for promoting or organizing activities of Hong Kong University of Science and Technology.**

**\*\*Students must attend all sessions.**

## Enquiries



For enquiries, please contact us at 3940 0101 after language selection, press "1".