



HK Winter Mathematics Olympiad 2020

(MATS1100)

Introduction

HK Winter Mathematics Olympiad is a two-day workshop for students to strengthen their problem-solving skills through games, research activities, and group competitions. A variety of challenging problems will be posted in the competition and students will be divided into groups according to their abilities and levels. Collaborative problem-solving is the main focus in this workshop.

The programme is co-organized with International Mathematical Olympiad Hong Kong Committee (IMOHKC)

Programme Type / Level

Introductory Course in Olympiad Mathematics ([Token-required](#))

Instructor(s)

Dr Leung Tat Wing, Dr Law Ka Ho and Mr Hung Chun May

Target Participants



- S2 to S6 HKAGE student members
- **Group A:** HKAGE Student members who have participated in **any phase of International Mathematics Olympiad Training** before
Class size: 20
- **Group B:** All other HKAGE Student members who have **NEVER** participated in **any phase of International Mathematics Olympiad Training** nor **HK Winter Mathematics Olympiad** before.
Class size: 60

*(Priority will be given to student members who have completed one of the programmes in **Maths Ignition Series**, namely: MATS1111, MATS1112, MATS1113, MATS1114 and MATS1115)*

** First-come-first-served*

Medium of Instruction



Cantonese with English Handouts

Certificate



E-Certificate will be awarded to participants who have:

- ❖ Attended **AT LEAST 3 sessions** AND
- ❖ Completed all the assignments with satisfactory performance

Intended Learning Outcomes



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

1. Strengthen their collaborative problem-solving skills;
2. Gain experience in expressing their thoughts and ideas in presentation.

Screening



Please answer the screening question in the online application form.

*The screening 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 questions and their suitability for the programme.**

Application Deadline

11 Nov 2019
12:00 n.n.

Application Result Release Date

22 Nov 2019

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

Schedule



Session	Date	Time	Schedule and Venue (HKAGE)	
			Group A (IMO)	Group B (Non-IMO)
1	30 Jan- 2020 (Cancelled)	9:00 a.m.—9:30 a.m.	Opening, Introduction and Grouping (Room 105)	
		9:30 a.m.—1:00 p.m.	Mini-research (Room 204)	Mathematics Game (Room 105)
		2:00 p.m.—5:00 p.m.	Seminar (Room 105)	
3	31 Jan- 2020 (Cancelled)	9:00 a.m.—1:00 p.m.	Problem Solving Contest (Room 204)	Problem-solving Workshop & Problem-solving Contest (Room 105)
2:00 p.m.—4:00 p.m.		Problem Solving Contest (Room 204)	Problem-solving Workshop & Problem-solving Contest Quiz (Room 105)	
4:00 p.m.—5:00 p.m.		Closing, Prize Presentation, etc. (Room 105)		
4				

ATTENTION:

1. To prevent interruption of the activities, **students who arrive late may not be allowed to participate.**
2. For any assessment to be held in the programme, **no make-up will be arranged.**

Enquiries



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