



International Mathematics Olympiad Training

2018-19 (Phase III) Level 2 (MATS3136)

<p>Introduction</p>	<ul style="list-style-type: none"> • A comprehensive mathematics programme which covers such as Algebra, Number Theory, Geometry and Combinatorics • Introduce the basic curriculum of the International Mathematics Olympiad competition • Broaden student's mathematical knowledge, strengthen their problem solving, higher order and logical thinking skills • Training consists of 3 Phases: Phase I (July – August), Phase II (Sept – Dec) and Phase III (Jan – Mar 2019) • Students with outstanding performance in the programme would be selected as the representatives of Hong Kong in the 60th IMO 2019 held in United Kingdom.
<p>Programme Type / Level</p>	<p>Advanced Course in Mathematical Olympiad (Token-required)</p>
<p>Instructor(s)</p>	<p>Dr. Leung Tat Wing and other trainers Co-organized with International Mathematical Olympiad Hong Kong Committee (IMOHKC)</p>
<p>Target Participants</p> 	<p>NON-HKAGE Student members who</p> <ul style="list-style-type: none"> ◆ were awarded Honourable Mention or above in IMO Preliminary Selection Contest – Hong Kong <p>HKAGE Student members who</p> <ul style="list-style-type: none"> ◆ were awarded Honourable Mention or above in IMO Preliminary Selection Contest – Hong Kong <i>or</i> ◆ have been a trainee in any phase of International Mathematics Olympiad (IMO) Training <i>or</i> ◆ have completed any Phase of CGMO <i>or</i> ◆ have completed any Phase of ITOM training with Distinction <p>➤ Class size: 20</p>
<p>Medium of Instruction</p> 	<p>Cantonese with English handouts</p>
<p>Certificate</p> 	<p>E-Certificate will be awarded to participants who have:</p> <ul style="list-style-type: none"> ❖ Attended at least 6 sessions AND ❖ Satisfactory performance in ALL assessments
<p>Intended Learning Outcomes</p> 	<p>Upon completion of the programme, participants should be able to:</p> <ol style="list-style-type: none"> 1. Broaden their mathematical knowledge in a variety of areas on the basis of senior secondary mathematics curriculum; 2. Strengthen their problem solving and higher-order thinking skills.
<p>Application Deadline</p>	<p style="text-align: center;">24 Dec 2018</p> <p style="text-align: right;">Application Result Release Date 31 Dec 2018</p> <p>Student members may withdraw from the programme on or before the deadline. Otherwise, the token will be deducted.</p>

Schedule



Session	Date	Time	Topic	Instructor	Venue (HKAGE)
1	12 Jan 2019	2:00 pm – 5:00 pm	Olympiad Mathematics	C J Lam	Room 204
2	19 Jan		Problem Session	T W Leung	
3	26 Jan		Algebra revision I	T W Leung	
4	2 Feb		Algebra revision II	T W Leung	
5	16 Feb		Olympiad Number Theory	Ching Tak Wing	
6	23 Feb		Olympiad Combinatorics	Lee Shun Ming	
7	2 Mar		Olympiad Geometry	Mandy Kwok	
8	12 Mar	9:00 am – 1:00 pm	APMO	T W Leung	Room 105

Remarks:

Students **MUST ATTEND** the **Asian Pacific Mathematics Olympiad (APMO)** held on **12 Mar 2019**. No make-up test will be arranged.

Enquiries



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