



IMO Training 2011-12 (Phase I)

Programme Details	
Co-organiser	International Mathematical Olympiad Hong Kong Committee (IMOHKC)
Course Code	Level I (MAT1211A) Level II (MAT1212A)
Objectives	<p><u>Level I</u> aims to</p> <ul style="list-style-type: none">Strengthening participants' advanced problem-solving, higher order thinking and logical thinking through basic training <p><u>Level II</u> aims to</p> <ul style="list-style-type: none">Provide more intensive and advanced training for participants who have completed IMO Training previously
Duration	28 July to 25 August 2011
Time	14:00 – 17:00
Venue	To be announced
Target Participants	<p><u>Level I</u></p> <ul style="list-style-type: none"><i>Student members</i> of the HKAGE in Mathematics Domain <i>or</i><i>Non-student members</i> who were awarded qualification of training or above in IMO Preliminary Selection Contest (HK) 2011 <p><u>Level II</u></p> <ul style="list-style-type: none"><i>Students</i> who satisfy the requirements of level I <i>and</i>Have completed all three phases(level I or II) of IMO Training previously
Medium of Instruction	Cantonese, supplement with notes in English
Fee	Free of charge
Application & Deadline	<p><i>Student members of the HKAGE</i> : Complete the online application form</p> <p><i>Non-student members</i>: Complete and return the paper application form</p> <p>Deadline: Wednesday, 13 July 2011</p>
Result Announcement	<p>Name list of successful applicants will be notified by email after application deadline.</p> <p>Note: It is the applicant's responsibility to provide the correct e-mail address during application and check his/her e-mail regularly to ensure that the most updated information regarding the course can be received</p>
Award	Participants who achieve an attendance rate of not less than 80% with satisfactory performance will be awarded a certificate of completion.
Enquires	Please contact Mr. Li at 3698 3498 or Ms Yip at 3698 3500

The schedules are as follows:

Level I

Time: 2:00pm – 5:00pm

Date	Topic
28/7 (Thu)	Basic Algebra
30/7 (Sat)	Basic Algebra
2/8 (Tue)	Basic Algebra
4/8 (Thu)	Basic Geometry
6/8 (Sat)	Basic Geometry
9/8 (Tue)	Basic Combinatorics
11/8 (Thu)	Basic Combinatorics
13/8 (Sat)	Basic Geometry
16/8 (Tue)	Inequalities
18/8 (Thu)	Inequalities
20/8 (Sat)	Elementary Number Theory
23/8 (Tue)	Elementary Number Theory
25/8 (Thu)	Selection Test

Level II

Time: 2:00pm – 5:00pm

Date	Topic
28/7 (Thu)	Problem Session I
30/7 (Sat)	Problem Session II
4/8 (Thu)	Advanced Combinatorics
8/8 (Mon)	Advanced Number Theory
20/8 (Sat)	Techniques of Problem Solving I
25/8 (Thu)	Selection Test