



香港資優教育學院
The Hong Kong Academy for Gifted Education

Mathematics Course:

Level I (MAT1221A) / Level II (MAT1222A)

IMO TRAINING 2011-12 PHASE II

Co-organized by

International Mathematical Olympiad Hong Kong Committee (IMOHKC)

IMO Training Programme is developed as an comprehensive mathematics programme which covers areas such as Algebra, Number Theory, Geometry, and Combinatorics. Its main objective is not only to provide training for students for the international mathematics Olympiad competition, but also broaden their mathematical knowledge and strengthen their problem solving skills. This programme is divided into level I (*intermediate*) and level II (*advanced*), each level consists of 3 phases. Level I aims to strengthening students' higher order and logical thinking skills through basic training while Level II aims to provide more intensive and advanced training for students who have completed IMO Training previously

Outstanding performers in the programme will have chances to be selected to represent Hong Kong in the 53rd IMO 2012 in Argentina.

2011-12

Programme Details

Date & Time	Please refer to "Programme Schedule"
Target Participants	<p><u>Level I</u></p> <ul style="list-style-type: none"> • <i>Non-student members</i> or <i>Student members</i> of the HKAGE who has completed IMO Training 2011-12 Phase I <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
Class Size	<p>Level I : 80</p> <p>Level II: 40</p>
Medium of Instruction	Cantonese, supplement with notes in English
Course Requirement	Participants who achieve an attendance rate of 80% and above with satisfactory performance will be awarded a certificate of completion.
Intended Learning Outcomes	<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;
Fee	Free of charge
Application Procedure & Deadline	<ul style="list-style-type: none"> ❖ Students should complete and submit the Online Application Form on or before 11 Sept. 2011. Late application will not be considered. ❖ The application result will be announced via email to the student members by 12 Sept. 2011. Those who have not received the email by the specified date should contact the HKAGE by phone. ❖ Successful applicants should complete the "Confirmation Slip" attached to the result announcement email and fax/mail it to the HKAGE on or before 3:00 p.m., 15 Sept. 2011. ❖ Applicants on the waiting list will be notified via email or phone after 3:00 p.m., 15 Sept. 2011. Otherwise, no further notice will be given.
Enquires	Please contact Mr. Li at 3698 3498 or Mr. Shing at 3698 3499

Programme schedule

(Level I & Level II)

Date (Sat)	Time	Activity	Venue
17/9	2:00 p.m. – 5:00 p.m.	Class Sessions	To be announced
24/9			
8/10			
15/10			
22/10		Selection Test II	
29/10		Class Sessions	
5/11			
12/11			
19/11			
26/11			
3/12		Selection Test III (CHKMO)	