



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

## IMO Training 2010-11 (Phase II)

Programme Details	
Organiser	: The Hong Kong Academy for Gifted Education (HKAGE)
Sponsor	: International Mathematical Olympiad Hong Kong Committee (IMOHKC)
Course Code	: Level I (MAT2233) : Level II (MAT2234)
Objectives	: <b>Level I</b> aims to <ul style="list-style-type: none"><li>● strengthen participants' problem-solving, high order thinking, logical thinking and enhance their interests in Mathematics via basic training;</li></ul> <b>Level II</b> aims to <ul style="list-style-type: none"><li>● deepen participants who <b>attended IMO Training or related Mathematical training activities</b> via intensive training</li></ul> Trained participants with outstanding performance would be given the opportunity to take part in cross-regional Mathematical Contests.
Duration	: September to December 2010
Time	: 14:00 – 17:00
Venue	: To be confirmed
Target Participants	: <b>Level I</b> <ul style="list-style-type: none"><li>● Student members who completed Phase I of IMO Training 2010-11 <b>OR</b></li><li>● Students who were awarded merit or qualification of training through 'IMO Preliminary Selection Contest – HK 2010 with the completion of Phase I of IMO Training 2010-11';</li></ul> <b>Level II</b> <ul style="list-style-type: none"><li>● Student members which completed Phase I of IMO Training <b>AND</b></li><li>● The awardees of Silver Medal or Gold Medal in 'IMO Preliminary Selection Contest – HK 2010'</li></ul>
Medium of Instruction	: Cantonese with English handouts
Fee	: Free of charge
Application & Deadline	: Submit the <b>completed application form</b> : 1) by mail: The HKAGE, E326, East Block, Kowloon Tong Education Services Centre, 19 Suffolk Road, Kowloon Tong <b>OR</b> : 2) by fax (fax no. 2490 4730) <b>on or before Thursday, 9 September 2010</b> to the HKAGE.
Result Announcement	: Name list of successful applicants will be posted to the HKAGE's website <a href="http://www.hkage.org.hk">www.hkage.org.hk</a> <b>on Tuesday, 14 September 2010</b> . <b>No further notification will be made.</b>
Award	: Participants who attend <b>at least 8 lessons or above</b> with satisfactory performance will award a certificate of completion.
Enquires	: Please contact Project Officer, Ms Shirley Kwok on 3698 3502.

The schedules are as follows:

	Date	Level I	Trainer	Level II	Trainer
1	18/9	Further Inequalities	Hung Chun May	Topics in Geometry	Bobby Poon
2	25/9	Geometric Inequalities	Hung Chun May	Advanced Combinatorics	Law Ka Ho
3	2/10	Diophantine Equations I	Koopa Koo	Problem Solving Session	Leung Tat Wing
4	9/10	Diophantine Equations II	Koopa Koo	Complex Number and its uses in geometry I	Kwok Ka Keung
5	23/10	<b>Test II</b>			
6	30/10	Techniques in Number Theory	Koopa Koo	Complex Number and its uses in geometry II	Kwok Ka Keung
7	6/11	Geometric Transformation I	Bobby Poon	Advanced Techniques in Number Theory	Koopa Koo
8	13/11	Geometric Transformation II	Bobby Poon	IMO Shortlisted Problems I	C J Lam
9	20/11	Functional Equations	Leung Tat Wing	IMO Shortlisted Problems II	C J Lam
10	27/11	Further Combinatorics	Law Ka Ho	IMO Shortlisted Problems III	C J Lam
11	4/12	<b>Selection Test III (CHKMO)</b>			