



Basic Mechanics and Optics (SCIS2003)

Introduction	<p>This programme is designed for junior secondary students who are interested in physics. It is delivered through lectures and tutorials. Students will have to attend all lectures which cover a total of 24 hours. They will also need to select a set of tutorials with a total of 6 hours. During the tutorials, students will participate in interactive learning activities in groups, e.g. experiments and group discussions, etc. This programme provides students with the fundamental knowledge of physics, such as Newton's laws, light refraction and electric circuits, in an inquisitive approach through various experiments, educational software and teaching aids for physics.</p>		
Programme Type / Level	<p>Physics Core Programme (Level 2) (Token-required)</p>		
Instructor(s)	<p>Mr. Ng Chun Keung, Kwai Chung Methodist College Panel Chairperson of Physics (Co-organized with Kwai Chung Methodist College)</p>		
Target Participants		<ul style="list-style-type: none"> ➤ S1 – S2 HKAGE student members ➤ Class size: 50 	
Medium of Instruction		<p>Cantonese with English handouts</p>	
Certificate		<p>E-Certificate will be awarded to participants who have:</p> <ul style="list-style-type: none"> ❖ Attended at least 6 sessions (except session 1 & 2); AND ❖ Completed all the assignments with satisfactory performance 	
Intended Learning Outcomes		<p>Upon completion of the programme, participants should be able to:</p> <ol style="list-style-type: none"> 1. Investigate motion, force and Newton's laws; 2. Analyse light reflection and refraction properties with lenses and mirrors; 	
Screening		<p>Please answer the screening question in the online application form. *The screening question is designed to help the applicant understands the course level and the course content. The 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 question. Only students who can demonstrate motivation and the basic knowledge of Physics in the screening question can be enrolled in the programme.</p>	
Application Deadline	<p>6 May 2019 12:00 n.n.</p>	Application Result Release Date	<p>17 May 2019</p>
<p>Student members may withdraw from the programme on or before the deadline. Otherwise, the token will be deducted.</p>			

Schedule



There are 8 mass lectures and 3 tutorials for this programme, please select your available timeslots of tutorial in sequence on the Online Application Form. You will be informed about the timeslot and details of tutorial in regard to your choice via email if you are offered.

Due to the new lesson arrangement, session 1 and 2 will not be counted in the calculation of attendance.

Mass Lecture

Session	Date	Time	Venue
1	13 Jul 15 Jul	9:30 a.m. – 12:30 p.m.	Physics Laboratory, Kwai Chung Methodist College
2	13 Jul 16 Jul	2 p.m. – 5 p.m. 9:30 a.m. – 12:30 p.m.	
3	16 Jul	2 p.m. – 5 p.m.	HKAGE
4	17 Jul	9:30 a.m. – 12:30 p.m.	
5	26 Jul	9:30 a.m. – 12:30 p.m.	
6	27 Jul	9:30 a.m. – 12:30 p.m.	
7	27 Jul	2 p.m. – 5 p.m.	
8	31 Jul (Test)	9:30 a.m. – 12:30 p.m.	

Remarks:

Students **MUST ATTEND** the **test held on 31 Jul 2019**. No make-up test will be arranged.

Tutorial 1 (T1)

Session	Date	Time	Venue
9	18 Jul	9:30 a.m. – 12:30 p.m.	Physics Laboratory, Kwai Chung Methodist College
10	23 Jul		
11	29 Jul		

Tutorial 2 (T2)

Session	Date	Time	Venue
9	18 Jul	2:00 p.m. – 5:00 p.m.	Physics Laboratory, Kwai Chung Methodist College
10	23 Jul		
11	29 Jul		

Enquiries



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