

Physics Enhancement Programme for Gifted Students (2022-2023)
Hong Kong University of Science and Technology (HKUST)

Online Lessons from 7 Jul to 29 Oct for all HKPhO contestants

Session	Date	Date2	Time	Contents	Instructor	Venue
Online Lessons						
1	7-Jul	Thu		Mechanics 1	Dr. Choy	Video
2a, 2b	9-Jul	Sat	1400-1700	Tutorial 1a and 1b	Dr. Choy and Mr Shing	Zoom
2c	14-Jul	Thu	1430-1730	Tutorial 1c	Dr. Cheung	Zoom
3	14-Jul	Thu		Mechanics 2	Dr. Choy	Video
4a, 4b	16-Jul	Sat	1400-1700	Tutorial 2a and 2b	Dr. Choy and Mr Shing	Zoom
4c	21-Jul	Thu	1430-1730	Tutorial 2c	Dr. Cheung	Zoom
5	21-Jul	Thu		Mechanics 3	Dr. Choy	Video
6a, 6b	23-Jul	Sat	1400-1700	Tutorial 3a and 3b	Dr. Choy and Mr Shing	Zoom
6c	28-Jul	Thu	1430-1730	Tutorial 3c	Dr. Cheung	Zoom
7	28-Jul	Thu		Mechanics 4	Dr. Choy	Video
8a, 8b	30-Jul	Sat	1400-1700	Tutorial 4a and 4b	Dr. Choy and Mr Shing	Zoom
8c	4-Aug	Thu	1430-1730	Tutorial 4c	Dr Cheung	Zoom
9	4-Aug	Thu		Wave 1	Dr. Choy	Video
10a, 10b	6-Aug	Sat	1400-1700	Tutorial 5a and 5b	Dr. Choy and Mr Shing	Zoom
10c	11-Aug	Thu	1430-1730	Tutorial 5c	Dr Cheung	Zoom
11	11-Aug	Thu		Wave 2	Dr. Choy	Video
12a, 12b	13-Aug	Sat	1400-1700	Tutorial 6a and 6b	Dr. Choy and Mr Shing	Zoom
12c	18-Aug	Thu	1430-1730	Tutorial 6c	Dr Cheung	Zoom
13	18-Aug	Thu		Thermodynamics 1	Dr. Choy	Video
14a, 14b	20-Aug	Sat	1400-1700	Tutorial 7a and 7b	Dr. Choy and Mr Shing	Zoom
14c	25-Aug	Thu	1430-1730	Tutorial 7c	Dr Cheung	Zoom
15	25-Aug	Thu		Thermodynamics 2	Dr. Choy	Video
16	27-Aug	Sat	1400-1700	Tutorial 8a and 8b	Dr. Choy and Mr Shing	Zoom
17	1-Sep	Thu		Thermodynamics 3	Dr. Choy	Video
18	3-Sep	Sat	1400-1700	Tutorial 9a and 9b	Dr. Choy and Mr Shing	Zoom
19	8-Sep	Thu		Electrodynamics 1	Dr. Choy	Video
20	10-Sep	Sat	1400-1700	Tutorial 10a and 10b	Dr. Choy and Mr Shing	Zoom

21	18-Sep	Sun	1400-1700	HKPhO 2022 (All the HKPhO 2022 Contestants are welcome to join the online lessons until 29 Oct.)		Zoom
22	22-Sep	Thu		Electrodynamics 2	Dr. Choy	Video
23	24-Sep	Sat	1400-1700	Tutorial 11	Dr. Choy and Mr Shing	Zoom
24	6-Oct	Thu		Electrodynamics 3	Dr. Choy	Video
25	8-Oct	Sat	1400-1700	Tutorial 12	Dr. Choy and Mr Shing	Zoom
26	13-Oct	Thu		Electrodynamics 4	Dr. Choy	Video
27	15-Oct	Sat	1400-1700	Tutorial 13	Dr. Choy and Mr Shing	Zoom
28	20-Oct	Thu		Electrodynamics 5	Dr. Choy	Video
29	22-Oct	Sat	1400-1700	Tutorial 14	Dr. Choy and Mr Shing	Zoom
30	29-Oct	Sat	1000-1300	Electrodynamics 6	Dr. Choy	HKUST-Video
31	29-Oct	Sat	1400-1700	Tutorial 15	Dr. Choy and Mr Shing	HKUST Zoom
Phase I (E3IPO001C)						
32	5-Nov	Sat	1000-1300	Electrodynamics 7	Dr. Choy	HKUST:Room 2404 (Hybrid)
33	5-Nov	Sat	1400-1700	Tutorial 16	Dr. Choy and Mr Shing	HKUST Group A : Rm 5508 Group B: Rm 5510 (Hybrid)
34	12-Nov	Sat	1000-1300	Optics 1	Dr. Choy	HKUST (Hybrid) Video
35	12-Nov	Sat	1400-1700	Selection Test 1	Dr. Choy and Mr Shing	Online
36	19-Nov	Sat	1000-1300	Optics 2	Dr. Choy	HKUST: Room 2405 (Lift 17/18) (Hybrid)
37	19-Nov	Sat	1400-1700	Paper checking + Tutorial 17	Dr. Choy	HKUST: Room 5583 (Lift 27/28) (Hybrid)
38	26-Nov	Sat	1000-1300	Optics 3	Dr. Choy	HKUST: Room 2405 (Lift 17/18) (Hybrid)
39	26-Nov	Sat	1400-1700	Tutorial 18	Dr. Choy and Mr Shing	HKUST: Room 5508/5510 (Lift 25/26) (Hybrid)
40	3-Dec	Sat	1000-1300	Special relativity 1	Dr. Choy	HKUST: Room 5583 (Lift 27/28) (Hybrid)
41	3-Dec	Sat	1400-1700	Tutorial 19	Dr. Choy and Mr Shing	HKUST: Room 4472/4475 (Lift 25/26) (Hybrid)

42	10-Dec	Sat	1000-1300	Special relativity 2	Dr. Choy	HKUST: Room 5583(Lift 27/28) (Hybrid)
43	10-Dec	Sat	1400-1700	Tutorial 20	Dr. Choy and Mr Shing	HKUST: Room 4472/4475 (Lift 25/26) (Hybrid)
44	17-Dec	Sat	1000-1300	Modern Physics	Dr. Choy	HKUST (Hybrid) Video
45	17-Dec	Sat	1400-1700	Selection Test 2	Dr. Choy and Mr Shing	Zoom
46	24-Dec	Sat	1000-1200	Paper Checking + Tutorial 21	Dr. Choy	HKUST:TBC (Hybrid) Zoom

PEP Phase I training rules

1. Phase I training starting from 5 Nov to 24 Dec is for students who have successfully applied. Application results will be announced on 2 Nov 2022 via email.
2. Phase I students who have attended 32 out of 46 sessions and satisfactory performance will receive a certificate from the HKAGE. For attendance and leave policy, please check <https://www.hkage.edu.hk/uploads/file/202205/4b64441813c5a97700240c5cebbff743.pdf>
3. Phase I students who have been promoted to Phase II previously can choose to attend the lectures and the tutorials at their own discretion. They must notify HKUST in advance with evidence (e.g HKAGE learning record) showing that they were in Phase II before. However, they still need to attend all the selection tests.
4. Phase I students must attend all the selection tests. Zero marks will be given for those whose are absent from the selection test(s).
5. The assessment of phase I consists of
 - Selection Test 1 ----- 50%
 - Selection Test 2 ----- 50%
6. Promotion to Phase II: Top 30 Phase I students (Students who applied Phase I successfully and returned the confirmation slip to HKAGE) based on the total score of two selection tests.
7. All lecture notes and materials can be downloaded from the website (<https://canvas.ust.hk/>). The videos of each lecture can be downloaded from the website every Thursday. After the tutorial, the recorded videos will be uploaded on canvas.

Remarks:

1. Enhancement Programme for Gifted Students in Physics (2022-2023) – Phase I will be conducted in **hybrid mode**.

2. After the selection tests in Phase I, eligible students could participate in Phase II training, which will be conducted in **full face-to-face teaching**.
3. All students are required to present their “Vaccine Pass” for verification to show evidence of vaccination or exemption for medical reasons for accessing the [HKUST campus](#). Please click [here](#) for the new dosage schedule of the “Vaccine Pass” scheme.