

Physics Enhancement Programme for Gifted Students (2021-2022)
Hong Kong University of Science and Technology (HKUST)

Phase I (46 Sessions) (E3IPO001C)

Session	Date	Date2	Time	Contents	Instructor	Venue
1	8-Jul	Thu		Mechanics 1	Dr. Choy	Video
2a, 2b	10-Jul	Sat	1400-1700	Tutorial 1a and 1b	Dr. Choy and Mr Shing	Zoom
2c	16-Jul	Fri	1300-1600	Tutorial 1c	Dr. Cheung	Zoom
3	15-Jul	Thu		Mechanics 2	Dr. Choy	Video
4a, 4b	17-Jul	Sat	1400-1700	Tutorial 2a and 2b	Dr. Choy and Mr Shing	Zoom
4c	23-Jul	Fri	1300-1600	Tutorial 2c	Dr. Cheung	Zoom
5	22-Jul	Thu		Mechanics 3	Dr. Choy	Video
6a, 6b	24-Jul	Sat	1400-1700	Tutorial 3a and 3b	Dr. Choy and Mr Shing	Zoom
6c	30-Jul	Fri	1300-1600	Tutorial 3c	Dr. Cheung	Zoom
7	29-Jul	Thu		Mechanics 4	Dr. Choy	Video
8a, 8b	31-Jul	Sat	1400-1700	Tutorial 4a and 4b	Dr. Choy and Mr Shing	Zoom
8c	6-Aug	Fri	1300-1600	Tutorial 4c	Dr Cheung	Zoom
9	5-Aug	Thu		Wave 1	Dr. Choy	Video
10a, 10b	7-Aug	Sat	1400-1700	Tutorial 5a and 5b	Dr. Choy and Mr Shing	Zoom
10c	13-Aug	Fri	1300-1600	Tutorial 5c	Dr Cheung	Zoom
11	12-Aug	Thu		Wave 2	Dr. Choy	Video
12a, 12b	14-Aug	Sat	1400-1700	Tutorial 6a and 6b	Dr. Choy and Mr Shing	Zoom
12c	20-Aug	Fri	1300-1600	Tutorial 6c	Dr Cheung	Zoom
13	19-Aug	Thu		Thermodynamics 1	Dr. Choy	Video
14a, 14b	21-Aug	Sat	1400-1700	Tutorial 7a and 7b	Dr. Choy and Mr Shing	Zoom
14c	27-Aug	Fri	1300-1600	Tutorial 7c	Dr Cheung	Zoom
15	26-Aug	Thu		Thermodynamics 2	Dr. Choy	Video
16a, 16b	28-Aug	Sat	1400-1700	Tutorial 8a and 8b	Dr. Choy and Mr Shing	Zoom
17	2-Sep	Thu		Thermodynamics 3	Dr. Choy	Video
18	4-Sep	Sat	1400-1700	Tutorial 9a and 9b	Dr. Choy and Mr Shing	Zoom
19	12-Sep	Sun	1400-1700	HKPhO 2021		Zoom
20	18-Sep	Sat		Electrodynamics 1	Dr. Choy	Video
21	18-Sep	Sat	1400-1700	Tutorial 10a and 10b	Dr. Choy and Mr Shing	Zoom
22	25-Sep	Sat		Electrodynamics 2	Dr. Choy	Video
23	25-Sep	Sat	1400-1700	Tutorial 11	Dr. Choy and Mr Shing	Zoom
24	2-Oct	Sat		Electrodynamics 3	Dr. Choy	Video
25	2-Oct	Sat	1400-1700	Tutorial 12	Dr. Choy and Mr Shing	Zoom
26	9-Oct	Sat		Electrodynamics 4	Dr. Choy	Video

27	9-Oct	Sat	1400-1700	Tutorial 13	Dr. Choy and Mr Shing	Zoom
28	16-Oct	Sat		Electrodynamics 5	Dr. Choy	Video
29	16-Oct	Sat	1400-1700	Tutorial 14	Dr. Choy and Mr Shing	Zoom
30	23-Oct	Sat		Electrodynamics 6	Dr. Choy	Video
31	23-Oct	Sat	1400-1700	Tutorial 15	Dr. Choy and Mr Shing	Zoom
32	30-Oct	Sat		Electrodynamics 7	Dr. Choy	Video
33	30-Oct	Sat	1400-1700	Tutorial 16	Dr. Choy and Mr Shing	Zoom
34	6-Nov	Sat		Optics 1	Dr. Choy	Video
35	6-Nov	Sat	1400-1700	Selection Test 1	Dr. Choy and Mr Shing	Zoom
36	13-Nov	Sat		Optics 2	Dr. Choy	Video
37	13-Nov	Sat	1400-1700	Paper checking + Tutorial 17	Dr. Choy and Mr Shing	Zoom
38	20-Nov	Sat		Optics 3	Dr. Choy	Video
39	20-Nov	Sat	1400-1700	Tutorial 18	Dr. Choy and Mr Shing	Zoom
40	27-Nov	Sat		Special relativity	Dr. Choy	Video
41	27-Nov	Sat	1400-1700	Tutorial 19	Dr. Choy and Mr Shing	Zoom
42	4-Dec	Sat		Modern Physics	Dr. Choy	Video
43	4-Dec	Sat	1400-1700	Tutorial 20	Dr. Choy and Mr Shing	Zoom
44	11-Dec	Sat		Astrophysics	Dr. Choy	Video
45	11-Dec	Sat	1400-1700	Selection Test 2	Dr. Choy	Zoom
46	18-Dec	Sat	1400-1700	Paper Checking of test 2	Dr. Choy	Zoom

PEP Phase I training rules

- Phase I students who have attend 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.org.hk/files/students/important-information/Policies_and_Forms/20190809%20Attendance%20and%20Leave%20Policy_E.pdf
- 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.
- Phase I students must attend all the selection tests. Zero mark will be given for those whose are absent from selection test(s).
- The assessment of phase I consists of
 - Selection Test 1 ----- 50%
 - Selection Test 2 ----- 50%
- Promotion to Phase II: Top 30 Phase I students (Students who applied the Phase I successfully and returned the confirmation slip to HKAGE) based on the total score of two selection tests.