

Physics Enhancement Programme for Gifted Students (2018-2019)

Hong Kong University of Science and Technology (HKUST)

Phase I (47 Sessions)

Session	Date	Time	Contents	Venue
1	14 th July 2018	09:30-12:30	Mechanics I	Room 4334 (Lift 13-15)
2		14:00-17:00	Tutorial 1	Room 5560, 5562, 5564, 5566
3	21 st July 2018	09:30-12:30	Mechanics II (Prof. Wong)	Room 4334 (Lift 13-15)
4		14:00-17:00	Tutorial 2	Room 5560, 5562, 5583
5	28 th July 2018	09:30-12:30	Mechanics III (Dr. Chen)	Room 4334 (Lift 13-15)
6		14:00-17:00	Tutorial 3	Room 5560, 5562, 5583
7	4 th August 2018	09:30-12:30	Mechanics IV	Room 4621
8		14:00-17:00	Tutorial 4	Room 5560, 5562, 5564, 5566
9	11 th August 2018	09:30-12:30	Waves I	Room 4621 (Lift 31-32)
10		14:00-17:00	Tutorial 5	Room 5560, 5562, 5564, 5566
11	18 th August 2018	09:30-12:30	Waves II	Room 4621 (Lift 31-32)
12		14:00-17:00	Tutorial 6	Room 5560, 5562, 5564, 5566
13	25 th August 2018	09:30-12:30	Thermodynamics I (Prof. Wong)	Room 4621 (Lift 31-32)
14		14:00-17:00	Tutorial 7	Room 2464, 2465, 3494, 4472

Session	Date	Time	Contents	Venue
15	1 st September 2018	09:30-12:30	Thermodynamics II (Prof. Wong)	Room 2464 (Lift 25-26)
16		14:00-17:00	Tutorial 8	Room 5560, 5562, 5564, 5566
17	8 th September 2018	09:30-12:30	Thermodynamics III (Prof. Wong)	Room 2464 (Lift 25-26)
18		14:00-17:00	Tutorial 9	Room 5560, 5562, 5564, 5566
19	15 th September 2018	09:30-12:30	Electromagnetism I	Room 2464 (Lift 25-26)
20		14:00-17:00	Selection Test 1 (Mechanics and Thermodynamics)	Room 1103, 1104 (near LTA)
21	22 nd September 2018	09:30-12:30	Electromagnetism II	Room 2464 (Lift 25-26)
22		14:00-17:00	Tutorial 10 + Paper checking (Selection Test 1)	Room 1103, 1104 (near LTA)
23	29 th September 2018	09:30-12:30	Electromagnetism III	Room 2464 (Lift 25-26)
24		14:00-17:00	Tutorial 11	Room 5560, 5562, 5564, 5566
25	6 th October 2018	09:30-12:30	Electromagnetism IV	Room 2464 (Lift 25-26)
26		14:00-17:00	Tutorial 12	Room 5560, 5562, 5564, 5566
27	13 th October 2018	09:30-12:30	Electromagnetism V	Room 2464 (Lift 25-26)
28		14:00-17:00	Tutorial 13	Room 5560, 5562, 5564, 5566
29	20 th October 2018	09:30-12:30	Electromagnetism VI	Room 2464 (Lift 25-26)
30		14:00-17:00	Tutorial 14	Room 5560, 5562, 5564, 5566

Session	Date	Time	Contents	Venue
31	27 th October 2018	09:30-12:30	Electromagnetism VII	Room 2464 (Lift 25-26)
32		14:00-17:00	Tutorial 15	Room 5560, 5562, 5564, 5566
33	3 rd November 2018	09:30-12:30	Optics I	Room 2464 (Lift 25-26)
34		14:00-17:00	Tutorial 16	Room 5560, 5562, 5564, 5566
35	10 th November 2018	09:30-12:30	Optics II	Room 2464 (Lift 25-26)
36		14:00-17:00	Tutorial 17	Room 5560, 5562, 5564, 5566
37	17 th November 2018	09:30-12:30	Optics III	Room 2464 (Lift 25-26)
38		14:00-17:00	Tutorial 18	Room 5560, 5562, 5564, 5566
39	24 th November 2018	09:30-12:30	Special Relativity	Room 2464 (Lift 25-26)
40		14:00-17:00	Tutorial 19	Room 5560, 5562, 5564, 5566
41	1 st December 2018	09:30-12:30	Modern Physics/Quantum Mechanics	Room 2464
42		14:00-17:00	Tutorial 20	Room 4472, 4475, 4502, 4503
43	8 th December 2018	09:30-12:30	Astrophysics and Astronomy	Room 4334
44		14:00-17:00	Tutorial 21	Room 2131C, 2132A, 3232B, 2132C
45	15 th December 2018	09:30-12:30	Analysis of Experimental Measurements	Room 4334
46		14:00-17:00	Selection Test 2 (From Session 19 to Session 44)	Room 5583, 6591
47	22 nd December 2018	09:30-12:30	Paper checking (Selection Test 2)	Room 4334

PEP Phase I training rules

1. Phase I students who have 70% or above attendance rate will receive a certificate from the HKAGE. For attendance and leave policy, please check http://www.hkage.org.hk/files/students/important-information/Policies_and_Forms/20151001_Attendance%20and%20Leave%20Policy_E.pdf
2. 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.
3. Phase I students must attend all the selection tests. Zero mark will be given for those whose are absent from selection test(s).
4. The assessment of phase I consists of
 - Selection Test 1 ----- 50%
 - Selection Test 2 ----- 50%
5. Promotion to Phase 2: Top 30 students based on the total score of two selection tests.

(For the latest information, please check at <http://hkpho.phys.ust.hk>.)

Last Modified: 21/08/2018

Room allocations

Tutorial Group	14/07, 04/08/ 11/08, 18/08, 01/09 – 24/11 (PM Session only)	01/12/2018 and (PM Sessions only)	08/12/2018 (PM Session only)
1 (Tai Wai Ting)	5560 (Lift 27/28)	4472 (Lift 25/26)	2131C(Lift 25/26)
2 (Li shing Yan)	5562 (Lift 27/28)	4475 (Lift 25/26)	2132A(Lift 25/26)
3 (Tony Shing)	5564 (Lift 27/28)	4502 (Lift 25/26)	3232B(Lift 25/26)
4 (Dr. Choy)	5566 (Lift 27/28)	4503 (Lift 25/26)	2132C(Lift 25/26)

Room 2131C, 2132A, 3232B, 2132C

Selection Test 1

15th September 2018

Venue: TBC

Selection Test 2:

15th December 2018

Venue: TBC

