

Physics Enhancement Programme for Gifted Students (2017-2018)

Hong Kong University of Science and Technology (HKUST)

Phase III (42 Sessions)

Session	Date	Time	Contents	Venue
1	17 th March 2018 (Sat)	10:00-13:00	Laboratory Session 1 M8: Simple Harmonic motion	Room 6140
2		14:00-17:30	Tutorial 1 (Prof. Wong) APhO2017-1, APhO2017-2	Room 5501
3	24 th March 2018 (Sat)	10:00-13:00	Laboratory Session 2 O1: Basic Optical systems	Room 6135
4		14:00-17:30	Tutorial 2 (Prof. Wong) APhO2017-3, APhO2016-1	Room 5501
5	26 th March 2018 (Mon)	10:00-13:00	Laboratory Session 3 O2: Applications of interferometry	Room 6135
6		14:00-17:30	Tutorial 3 APhO2016-2, APhO2016-3	Room 4621
7	27 th March 2018 (Tue)	10:00-13:00	Laboratory Session 4 MP3: Electrical conductor in solids	Room 6315
8		14:00-17:30	Tutorial 4 APhO2015-1, APhO2015-2	Room 4621
9	28 th March 2018 (Wed)	10:00-13:00	Laboratory Session 5 O4: Applications of Optical Spectroscopy	Room 6135
10		14:00-17:30	Tutorial 5 APhO2015-3, APhO2014-1	Room 4621
11	29 th March 2018 (Thu)	10:00-13:00	Laboratory Session 6 EM1: Coulomb 's law	Room 6137
12		14:00-17:30	Tutorial 6 APhO2014-2, APhO2014-3	Room 4621
13	3 rd April 2018 (Tue)	10:00-13:00	Laboratory Session 7 E1: Thevenin circuits and AC circuits	Room 6135
14		14:00-17:30	Tutorial 7 APhO2013-1, APhO2013-2	Room 2612B

Session	Date	Time	Contents	Venue
15	4 th April 2018 (Wed)	10:00-13:00	Laboratory Session 8 E2: Diodes and transistors	Room 6135
16		14:00-17:30	Tutorial 8 APhO2013-3, APhO2012-1	Room 2612B
17	6 th April 2018 (Fri)	10:00-13:00	Laboratory Session 9 MP4: Photoelectric effect	Room 6315
18		14:00-17:30	Tutorial 9 APhO2012-2, APhO2012-3	Room 2612B
19	7 th April 2018 (Sat)	10:00-13:00	Laboratory Session 10 O5: Semiconductor laser diodes (Part 1)	Room 6135
20		14:00-17:30	Tutorial 10 (Prof. Wong) APhO2011-1, APhO2011-2	Room 5501
21	14 th April 2018 (Sat)	10:00-13:00	Laboratory Session 11 O5: Semiconductor laser diodes (Part 2)	Room 6135
22		14:00-17:30	Tutorial 11 (Prof. Wong) APhO2011-3, APhO2010-1	Room 5501
23	21 st April 2018 (Sat)	10:00-13:00	Laboratory Session 12 E5: Frequency analysis of electronic signals	Room 6135
24		14:00-17:30	Tutorial 12 (Prof. Wong) APhO2010-2, APhO2010-3	Room 5501
25	23 rd April 2018 (Mon)	10:00-13:00	Laboratory Session 13 APHO-I	Room 6315
26		14:00-17:30	Tutorial 13 APhO2009-1, APhO2009-2	Room 2408
27	24 rd April 2018 (Tue)	10:00-13:00	Laboratory Session 14 APHO-II	Room 6315
28		14:00-17:30	Tutorial 14 APhO2009-3, APhO2008-1	Room 2408
29	25 rd April 2018 (Wed)	10:00-13:00	Laboratory Session 15 O6: : Microwave reflection, scattering and diffraction	Room 6135
30		14:00-17:30	Tutorial 15 APhO2008-2, APhO2008-3	Room 2408

Session	Date	Time	Contents	Venue
31	26 th April 2018 (Thu)	10:00-13:00	Laboratory Session 16 EM9: AC circuit	Room 6137
32		14:00-17:30	Tutorial 16 APhO2007-1, APhO2007-2	Room 2408
33	27 th April 2018 (Fri)	10:00-13:00	Laboratory Session 17 MP7: The Balmer series of Hydrogen	Room 6315
34		14:00-17:30	Tutorial 17 APhO2007-3, APhO2006-1	Room 2408
35	28 th April 2018 (Sat)	10:00-13:00	Laboratory Session 18 APHO-III	Room 6315
36		14:00-17:30	Tutorial 18 APhO2006-2, APhO2006-3	Room 5501
37	30 th April 2018 (Mon)	10:00-13:00	Laboratory Session 19 APHO-IV	Room 6315
38		14:00-17:30	Tutorial 19 Summary	Room 2408
39	TBC	TBC	IPHO 2018 Selection Test 1	TBC
40	TBC	TBC	IPHO 2018 Selection Test 2	TBC
41	TBC	TBC	IPHO 2018 Selection Test 3	TBC
42	TBC	TBC	IPHO 2018 Selection Test 4	TBC

Last Updated: 8 March 2018

1. Room 6135 and Room 6315 are two different laboratories.

PEP Phase III training rules

1. Phase III student who has attended 27 out of 38 sessions will have a completion for this phase and will receive a certificate from the HKAGE. All students in Phase 3 are expected to join the Hong Kong team to compete in the 19th Asian Physics Olympiad. They are expected to be present in all training sessions. Students who need to be absent should notify the instructor ahead of time. 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. Accommodation at HKUST will be provided from 23rd April to 30th April.
3. For the latest information, please check at <http://hkpho.phys.ust.hk>.