

PHYS4031 Statistical Mechanics (Term 1 2016-17)

Teacher: HUI Pak Ming

Office: SC 209

Phone: 3943 6351

Email: pmhui@phy.cuhk.edu.hk

My office hours: Walk in any time or make appointments via emails or by phone. Note that the TAs also have consultation hours on Mondays and Tuesdays. Our classes meet on Tuesdays and Thursdays, and Exercise Classes meet on Mondays and Wednesdays. Therefore, you have the chance to seek help almost every day in a week. See course time table and course webpage.

Assessment:

Homework Assignment [Note 1]:	20%
Mid-Term Examination [Note 2]:	30%
Final Examination [Note 2]:	50%

Course Webpage:

<http://www.phy.cuhk.edu.hk/course/2016-2017/1/phys4031/>

or get in via CUHK physics department page

Download area in course webpage has scanned pdf class notes, problem sets, sample questions for exercise classes, TAs' suggested solutions, announcements, and additional learning materials. Get into the habit of checking what's new in course page regularly.

Notes:

1. Academic Honesty: Independent work is expected for the homework problem sets. See www.cuhk.edu.hk/policy/academichonesty for University's guidelines on academic honesty. Yet, students are encouraged to discuss among themselves on their understanding of the subject. Simply put – Don't copy your classmates' homework.
2. To be considered for a passing grade, a student must get more than 20% in the written-exam components (mid-term plus final exams). It is a necessary, but not sufficient, condition.

Lectures/Tutorials: Tuesdays 10:30am-12:15pm (SC L5)

Thursdays 2:30pm-4:15pm (SC L5)

Exercise Classes: Mondays: 1:30pm-2:15pm (SC LG23)

Wednesdays 3:30pm-4:15pm (MMW 706)

[Your time table should allow you to attend *ONE* exercise class in a week]

TAs/Graders:

Mr LAI Kwun Hang (SC313) [Consultation hours: T6-7 (13:30)]

hklai@phy.cuhk.edu.hk

Mr LEUNG Chun Hei (SC322) [Consultation hours: M8-9 (15:30)]

chleung1@phy.cuhk.edu.hk

[TAs will be at their desks in SC313/322 to answer your questions at consultation hours. You may also e-mail TAs/me your questions or make appointments with TAs/me for questions at other time slots. We are most willing to help you learn.]

See Schedule Sheet summarizing class times and TA information. The point is: You can seek help almost EVERYDAY in a week!

Reference Books: See *Book List* posted on course page

[Many Stat Mech books are put on reserve in the reserved books section in the University Library for your reference. There are also electronic books that you can access from the Library website.]

How to learn PHYS 4031 effectively?

Before classes – download, printout (or use a digital device), and **READ** class notes to be covered in the next lecture (spot places where you don't follow).

Attend classes – pay attention to details and the points that you don't follow by reading, drop notes on printed notes.

Assignments – An important integrated part of the course, *must* try all problems, try/read sample problems.

Exercise classes – TAs will do **sample questions** that are closely related to the *next* assignment, and answer your questions.

TAs consultation hours – seek help from them constantly, don't lag behind (it will be hard to catch up as there are *sequential concepts* that come one following another).

“T+2” Policy on late submission of Problem Sets – There is a grace period of 2 days beyond the due date. However, if you submit your work 2 days after due date, a 20% discount is imposed on your mark. Submission later than 2 days beyond due date will NOT be marked.