

# Statistical Mechanics 617, Fall 2023

Lectures: Mondays, Wednesdays and Fridays from 9:30am to 10:20am in  
KnobB019

Instructor: Martin Kruczenski, e-mail:markru@purdue.edu, Office: PHYS274.

TA:

Textbook: “Statistical Mechanics” (second edition) by Kerson Huang.

Course Webpage: <http://web.ics.purdue.edu/~markru/>

Homework: Every other week (problems posted in webpage). The deadline  
is one week after the problems are given.

Exams: One midterm and one final exams. The dates are to be determined.

Final grading: Final grade is the average of the two exams. If **all** the  
homework problems were returned in time and were reasonably correct,  
the final grade will improve.

**Note:** Please take some time to look at the course website mentioned  
above and locate the information related to this course. Homework and  
other information will be posted there.

## Emergencies

Information can be found in the websites,

[http://www.purdue.edu/emergency\\_preparedness/](http://www.purdue.edu/emergency_preparedness/),

<http://www.physics.purdue.edu/resources/>.

In case of the campus being closed we will communicate through the course  
e-mail list and information in the course website.

## Contents of the course

The course follows K. Huang’s book. We’ll try to go relatively fast over part  
A. We then look in detail at Part B and finally discuss a few of the topics in  
part C, as time permits.