

COURSE INFO

Room: ARC-205

Time: Monday 3:20-4:40 pm

Wednesday 3:20-4:40 pm

There will be no lecture on Wednesday, February 12

Instructor: Sergei Lukyanov

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Office hours: Friday 10:00 am-12:00 pm

There will be no office hours on Friday, February 14

Text: The main reference text will be: Mehran Kardar, “Statistical Physics of Particles”.

<https://www.amazon.com/Statistical-Physics-Particles-Mehran-Kardar/dp/0521873428>

Online reference material can be found at: can be found at

<https://ocw.mit.edu/courses/physics/8-333-statistical-mechanics-i-statistical-mechanics-of-particles-fall-2013/index.htm>

Additional text: Evergreen L.D. Landau and E.M. Lifshitz: “Statistical Physics, Part 1”.

<https://www.amazon.com/Statistical-Physics-Third-Part-Theoretical/dp/0750633727>

You can easily find the PDF file online.

Homework: There will be homework assignments.

Late homework **will not be accepted**. (The absolute cutoff time for homework is 4 pm due date.) Homework will be graded and give 30% contribution to your final grade.

Exams: There will be midterm (March 2) and final (exam period May 7-13) exams.

Final Grade: $\text{Score \%} = 30\% \times \text{Homework} + 30\% \times \text{Midterm} + 40\% \times \text{Final}$.

Students with Disabilities: If you have a disability, it is essential that you speak to the course supervisor early in the semester to make the necessary arrangements to support a successful learning experience. Also, you must arrange for the course supervisor to receive a Letter of Accommodation from the Office of Disability Services (see <http://www.physics.rutgers.edu/ugrad/disabilities.html>).