

## COURSE INFO

**Room:** ARC-205

**Time:** Monday 3:20-4:40 pm

Wednesday 3:20-4:40 pm

**Instructor:** Sergei Lukyanov

office: Serin E364

tel: (848) 445-9060 (office)

e-mail: sergei@physics.rutgers.edu (the best way)

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

**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 4???) and final (exam period May 9-15) exams.

**Final Grade:** Score % = 30%×Homework+ 30%×Midterm+ 40%× 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>).