

PHYSICS 617      Spring 2022

**GENERAL RELATIVITY**  
**(Course Info)**

**Room:** ARC-203

**Time:** Monday, 8:30-9:50 am

Thursday, 8:30-9:50 am

**Instructor:** Sergei Lukyanov

office: Serin E364

office phone: (848) 445-9060

e-mail: sergei@physics.rutgers.edu (preferred)

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

Extra meetings can be held by appointment.

**The main reference text:** Sean Carroll, “Spacetime and Geometry”.

**Additional text:** D. Lovelock and H. Rund, “Tensors, Differential Forms, and Variational Principles”, Dover Publications, Inc, New York

**Homework:** There will one homework per 1-2 weeks.

Late homework **will not be accepted.**

**The absolute cutoff time for homework is 7 pm due date.**

Ideally, solutions should be typed (in LaTeX), but

handwritten solutions are acceptable as long as they are clearly written.

**I'll not accept sloppy solutions.**

Homeworks will be graded and give 100% of final grade.

**No exams will be given.**

**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