

Physics GRE Study Group

Callout: Physics undergraduates and MS students who are planning to take the GRE physics subject exam can join forces to transform procrastination and the agony of solving problems into a fun and productive experience!

Propose and Structuring

- Understand the structure of the Physics GRE, such as, the scoring system, test environment, and exam structure
- Review fundamental physics topics that are likely to appear on the exam
- Discuss strategies for taking the exam
- Prepare study habits and materials to follow leading up to the exam day

Review Real GRE Problems

- Work out problems released by ETS
- Attempt problems under time constraints
- Review problem attempts that were unsure or incorrect
- Create Flashcards/review sheets of: relevant formulas, physical laws, fundamental theorems, and noteworthy experiments

Study Pivotal Topics That Arise on the Exam

- Classical mechanics (20%)
- Electromagnetism (18%)
- Optics and wave phenomena (9%)
- Thermodynamics and statistical mechanics (10%)
- Quantum mechanics (12%)
- Atomic physics (10%)
- Special relativity (6%)
- Laboratory methods (6%)
- Specialized topics (9%)

Practice Physics GRE Will Be Administered

- At (times to be determined) there will be practice exams offered
- Will be conducted similar to the actual exam
- Will be used to gauge what topics must be reviewed more than others