

Study Guide - Physics 195 Test 2 (7th Edition)
This something you should be doing before I hand this out.
DRS Problems are *in bold red*.

Chapter 6 - Circular Motion

Concepts: Circular Motion, Motion in Accelerated Frames,
Figures: 11, 12, 13
Examples: 1, 5

Basic Problems: 1, 4, 5, 7
Medium Problems: 48, **50**, 52, 55, **61**

Chapter 13 - Gravitation

Concepts: Universal Gravitation, FreeFall, Kepler's Third Law, Gravitational Field, Density of the Earth, Galileo, Cavendish, Kepler and Newton's Contributions, How did Newton compare the acceleration of an apple to the acceleration of the Moon?, What is Gravity?
Figures: 1, 2, Table 13.2, 11
Examples: 2, 3, 5

Basic Problems: 1, 2, 3, 9, 15
Medium Problems: 26, 53

Chapter 7 - Energy

Concepts: Systems, Work, Work-Kinetic Energy Theorem, Potential Energy, Elastic Potential Energy, Conservative and Non-Conservative Forces
Figures: 6, 7, 9, 16
Examples: 4, 5

Basic Problems: 1, 7, 16, 18, 29, 30, 37
Medium Problems: 22, **25**, **57**

Chapter 8 - Conservation of Energy

Concepts: Conservation of Energy
Figures:
Examples: 3, 4, 6, 7

Basic Problems: 3, 4, 14
Medium Problems: 7, 13, 21, 37, 55, **57**, **59**

Physics 195 Test 2

You must take the test on the date shown. All students not on the Thursday list must take the test on Tuesday. You will receive a zero if you show up on the wrong day.

Tuesday, Nov. 4th

1. Elias Espino
2. Levi Lentz
3. Karina Kangas
4. Fernando Hernandez
5. Lily Garcea
6. Danny Rafo
7. Erick Sampson
8. Kevin Branderhorst
9. Kennan Limbo
10. Alexandra Mendoza
11. Cayla Martin
12. Gina Corral
13. Nicole Salem
14. Carmen Mo
15. Kenisha Shipley
16. **everyone else**
- 17.
- 18.
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- 39.

Thursday, Nov. 6th

1. Marta Borzuchowski
2. Wayne Pritzkau
3. Octavio Barranco
4. Jon Brandes
5. Brian Galea
6. Danny Chhouen
7. Hung Doan
8. Ryan Espinoza
9. Jeff Azuala
10. Niki Weidlund
11. Jeff Hissem
12. James Smith
13. Noelle Chipman
14. Phillip Berry
15. Lindsay Goulet
16. Eileen Bautista
17. Ryan Ferrer
18. Scott Marvel
19. Jeff Topacio
20. Kevin Sarmiento
21. Thalia Aquirre
22. Michael Hilker
23. Wade Dorough
24. Lauren Swann
25. Chris Canini
26. Marin Padilla
27. Eric McElhiney
28. Jonathon Gutierrez
29. Erik Mendoza
30. Adam Lipson
31. Jackie Fritz
32. Pamela Ndagire
33. Michael Bersabe
34. Fernando Villasenor
35. Jonathon Valdez
36. Jhoel Rapaido
37. Rachel Corpus
38. Arielle Nuspl
39. Rhea Vida