

Physics 142

Spring Semester, 1997

Prerequisites: Math 111 and Physics 141 or 151

Text: Raymond A. Serway, Physics for Scientists and Engineers with Modern Physics, Fourth Edition

Instructor: Dr. William Baird, Pierce 207

Course Content: There will be four tests and a final exam. Also at least thirteen quizzes, the best ten of them to be counted as a fifth test grade. The tests can be made-up only with advance notice and circumstances of illness or death. The quizzes cannot be made-up; absence from a quiz results in a zero for that quiz.

Electricity, Magnetism, Optics, and Modern Physics

Chapters 23, 24, 25, 26

Test 1

Chapters 27, 28, 29, 30

Test 2

Chapters 31, 32, 33, 34

Test 3

Chapters 35, 36, 37, 38

Test 4

Chapters 39, 40, 41, 42, 45, 46

Final Exam (cumulative)

Weighting: Tests and quizzes 60%, Labs 20%, Final Exam 20%

Grading: Grades given for this course will be a subset of A, A-, B+, B, B-, C+, C, C-, D+, D, F. See Catalog, page 32.

Attendance: Not required, but encouraged.

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