

Goals of Physics 141, 142: (1) To provide the student with a clear and logical presentation of the basic concepts and principles of physics; (2) To strengthen an understanding of these concepts and principles through a broad range of applications to the real world; (3) To demonstrate these concepts and principles through laboratory exercises.

Physics 141

Fall Semester, 2005

Prerequisite: Math 111 or Math 110A

Text: Serway and Faughn, College Physics, Sixth Edition

Instructor: Dr. William Baird, Pierce 207

Course Content: There will be three tests and a final exam. Also at least thirteen quizzes, the best ten of them to be counted as a fourth 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.

Mechanics, Wave Motion, and Thermodynamics

Chapters 1, 2, 3, 4

Test 1 (September 23, 2005, 2-4pm)

Chapters 5, 6, 7, 8

Test 2 (October 21, 2005, 2-4pm)

Chapters 9, 13, 14

Test 3 (November 18, 2005, 2-4pm)

Chapters 10, 11, 12

Final Exam (December 16, 2005, 2 pm – 5 pm)
(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 84.

Attendance: Not required, but encouraged.

The Oxford College Honor Code applies to quizzes, tests, and exam. Laboratory analysis and calculations may be shared, but reports must be written independently.