

PHYSICS 316, Spring 2002, TTH, WOOD #212

Office Hours:

10:00-10:50 MF

Also feel free to drop in at any time.

Textbook:

Modern Physics, 3rd edition by Paul Tipler, Freeman and Company

Quantum Mechanics 2nd edition by Amit Goswami Wm. C. Brown Publishers

Grading Policy:

Mid-term	30%
Final exam	35%
Homework	35%
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Total	100%

NOTE: Oklahoma Baptist University is committed to providing equal access to University programs and services for all students. Under University policy and federal and state laws, students with documented disabilities are entitled to reasonable accommodations to ensure the student has an equal opportunity to perform in class. If any member of the class has such a disability and needs special academic accommodations, please report to Mr. Bobby Canty in the Student Services Center, GC 101, as soon as possible to discuss possible accommodations. Reasonable accommodations may be arranged after verification of your situation. Do not hesitate to contact me if any assistance is needed in this process.

Grading Scales:

Above 90%---A; 80-89%---B; 70-79%---C; 60-69%---D; Below 59%---F

Course Outline:

<u>Date</u>	<u>Subject</u>
Jan 29	review chap8
Jan 31	chap9.1-9.3
Feb 5	chap9.4-9.6
Feb 7	problems for chap9. All the odd number problems
Feb 12	problems for chap9
Feb 14	Project LASER and MASER
Feb 19	chap10.1-10.4
Feb 21	chap10.5-10.8
Feb 26	problems for chap10 odd number problems
Feb 28	problems for chap10 odd number problems

Mar 5 Project Superconductor I
Mar 7 Project Superconductor II

Mar 12 review chap9, 10
Mar 14 Mid-term Exam chap9 - 10

Mar 18 - 22 Fall Free Day

Mar 26 chap11.1-4
Mar 28 chap11.5-6

Apr 2 problems for chap11 odd number problems
Apr 4 problems for chap11 odd number problems

Apr 9 Project Mossbauer Effect I
Apr 11 Project Mossbauer Effect II

Apr 16 chap12.1-2
Apr 18 chap12.2-3

Apr 23 problems for chap12 odd number problems
Apr 25 problems for chap12 odd number problems

Apr 30 chap13.1-3
May 2 chap13.3-5

May 7 problems for chap13 odd number problems
May 9 Review chap9-13

Final Exam: Monday, May 13, 13:00-15:00, cover chap 9 – chap 13.