

SPRING SEMESTER, 2016
Syllabus for PHYSICS 309: Thermodynamics

Lecture time/place: MWF, 11:00-11:50 a.m., Room *TBA*

Instructor: Shanmuka Shivashankara

Instructor's Office: Room 225 Lewis Hall

E-mail address: sshivash@go.olemiss.edu

Office Hours: *TBA*

Text:

An Introduction to Thermal Physics (2000) by Daniel V. Schroeder

READ THE BOOK!! Read each chapter when we begin discussing it in class.

Goals:

We will follow the book. Both thermodynamics and statistical mechanics shall be covered. As in most physics classes, critical thinking, analytical reasoning, and problem solving skills will be emphasized. These abilities are crucial in physics (and can be carried over into many other fields or endeavors).

Grading Scale:

A: 90 - 100%,

B: 80 - 89%,

C: 70 - 79%,

D: 60 - 69%,

F: < 60%

Grades will be based on quizzes, mid-term, and final exam:

Quizzes: 1/3 (based on assigned problems, textbook, and notes)

Mid-term: 1/3

Final exam: 1/3

Total: 100 %

Class attendance is not required, but is strongly encouraged since almost

everything you need to know in the class will be discussed in class. Arriving late to class or leaving early distracts everyone (me especially). Both are rude, so please avoid them. If you are taken ill during class, feel free to leave immediately.

It is the policy of the University of Mississippi to provide, on a flexible and individual basis, reasonable accommodations to students who have disabilities that may affect their ability to participate in course activities or meet course requirements. Students with disabilities, which have been verified through the Office of Student Disability Services, need to contact me at the beginning of the semester to discuss their individual needs for accommodations.