

Physics 3141 - Thermodynamics

(Fall 2011)

Instructor — Prof. Alberto Fernandez-Nieves

Office : Boggs building, B19



Campus map : www.physics.gatech.edu/research/fernandez/location.html

Time & place

M W F 9:15 - 9:55 am

Howey building, Room L5

Office hours

M W 6-7 pm

Boggs building, B19

Teaching assistant : John Hyatt

Office hours : T Th 2-3 pm

Boggs building, B54

Textbook : ' Basic Thermodynamics '

by Gerald Carrington

(Oxford University Press , 1994)

Prerequisites : Understand partial derivatives

Review of required math skills : [math_primer.pdf](#)

Grades — Midterm 1 (20%)

Midterm 2 (20%)

Final (45%)

Homework (15%)

HW will be due on the day indicated in the course

schedule (see schedule.pdf) at the beginning of class.

No exceptions. The HW is for you to test yourself.

Understand the material before doing the HW.

Academic integrity : I expect every student to know
& comply with the GT honor code.

see: www.honor.gatech.edu

key to success : Understand vs. Memorize
Learn !!

Thermodynamics is worth it !

It is essential to every branch
of physics.

Attendance : I do not take attendance, but I'm
the best guide to the material

in the textbook. Come to class!

Announcements will be made in class

In class: Pay attention — Be silent

I will try to provide notes (pdf) before class. These notes are a skeleton of the class; they are a guide to the material we will cover.

Course website — T-square

www.t-square.gatech.edu

(Resources)

I will post here lecture notes, HW, HW solutions

Already posted: math-primer

tentative-schedule — Includes due dates
for HW & midterm
dates

grading - guidelines

hw 1

course - description — These notes

special needs — Students with special needs (as documented by the ADAPTS office) should identify themselves at the beginning of the semester. You'll be accommodated in accord with the policies of the Institute

Withdrawal

October 30 — Last day to drop with a grade of 'w'.

final exam — Wednesday, Dec. 14

8:00 am — 10:50 am

15' policy applies : Rules & Regulations XII c

Midterms — I : M, Sep. 25
II : F, Nov. 4

15' policy also applies