
ASTR 4222-001
Introductory Astrophysics (Part II)

Spring Semester, 2009

[MWF 10:40 - 11:30 AM]

118 Nicholson Hall

Instructor: [Joel E. Tohline](#), Alumni Professor
tohline@lsu.edu

<i>Prerequisites:</i>	ASTR 4221; PHYS 1202 or 2102
<i>Description:</i>	Sun, stars, and stellar systems; results and problems of modern astrophysical research. Emphasis will be on "Galaxies and the Universe."
www.phys.lsu.edu/~tohline/astr4222	

● Textbook (*Required*)

[An Introduction to Modern Astrophysics](#) ©2007 by Bradley W. Carroll and Dale A. Ostlie
Emphasis will be on §IV (Chapters 24-30), building on material in earlier chapters that was covered in ASTR4221.

● **Calendar:**

This course will be divided in time into three roughly equal segments with the culmination of each segment being an examination. The [accompanying calendar](#) identifies which class periods will fall into each course segment and specifies precisely when each exam will be given. It also gives you a rough idea of what material from the textbook will be included on each exam. But please keep in mind that you will also be responsible for material that is discussed *during* each class period (related to the topics listed on this calendar) but that is not necessarily included in the textbook.

● Evaluation of Coursework:

Your grade in this course will be based on your overall performance on assigned homework and on three in-class exams; two exams will be given during the regular semester plus the final exam. Here are the dates of each exam, along with the

percentage weight that each exam will count toward your final grade. No makeup work will be permitted in place of these exams, so **PLEASE BE PRESENT IN CLASS ON EACH OF THESE EXAM DATES.**

25% ASSIGNED HOMEWORK

25% EXAM #1 [13 February (Friday)]

25% EXAM #2 [23 March (Monday)]

25% FINAL EXAM [Wednesday, 6 May from 12:30 - 2:30 PM]

NOTE: This final exam session has been set by the LSU Registrar's Office and is subject to revision, so please double-check the date and time shortly before the week of final exams.

Grade Scale (subject to a slight curve)				
F	D	C	B	A
below 50%	50 - 62%	63 - 75%	76 - 87%	88 - 100%

 Tohline's Habits:

Office Location: 247A Nicholson Hall

Office Phone: 578-6851

Office Hours: Tuesdays 10:30 AM - noon; Wednesdays 1:30 PM - 2:30 PM;
(or by appointment)