

TEXT: FOUNDATION OF ASTRONOMY, 12th Edition, by Seeds, Backman, Pruneau (Cengage).

LECTURE: Saturday 9:00 am – 1:00 pm. **LOCATION:** 404OAK

LECTURER: NOPPI WIDJAJA **OFFICE:** TBD

TELEPHONE: TBD **E-MAIL:** eb8607@wayne.edu

OFFICE HOURS: after class

LECTURE, READING ASSIGNMENTS and QUIZZES: Note that in addition to exams, short quizzes will be given at the approximate rate of one per week. Quizzes will be based on lecture material and homework that will be posted on the blackboard.

HOMEWORK: Homework will be posted on the blackboard and discussed in the class. They will not be collected or graded, but they might appear in the exams and quizzes.

Extra Credit Project: Students may optionally complete a ten minute in-class presentation, or a 2-3 page paper on the Astronomy topic of their choice, adding up to 10 points to their final grade.

GRADE DETERMINATION:

10 weekly quizzes	40% (4% each quiz)
3 mid-term exams	30% (10% each exam)
2 planetarium shows	20% (10% each show)
Final exam	10%
Total	100%

GRADING SCALE:

A	95-100
A-	90-94.9
B+	85-89.9
B	80-84.9
B-	75-79.9
C+	70-74.9
C	65-69.9
C-	60-64.9
D+	50-59.9
D	<50

Note: There are no make-up exams or exams given early. This policy will be discussed in class.

Also Note: Any changes to the above grading scheme will be discussed in class and posted on Blackboard.

Class Schedule

The following class schedule is meant to serve as a general guide to the time line at which material will be covered in the course and is subject to revision. Students will be informed of any changes/updates that take place as we move through the semester.

DATE	LECTURE TOPICS	READING
		ASSIGNMENT
9/2	Syllabus, Exploring The Sky	Ch 1,2
9/9	Solar & Lunar Cycles, History of Astronomy	Ch 3,4
9/16	Light and Telescopes	Ch 6
9/23	Atoms and Spectra, Sun	Ch 7,8
9/30	Family of Stars FIRST EXAM (Ch 1-4, 6,7,8)	Ch 9
10/7	ISM and formation of stars	Ch 10,11
10/14	Stellar evolution and death of stars	Ch 12,13
10/21	Neutron stars and black holes, Milky Way Galaxies	Ch 14,15
10/28	Galaxy Clustering SECOND EXAM (Ch 9-14)	Ch 16
11/4	AGN and modern cosmology	Ch 17,18
11/11	Origin of solar system, comparative planetology	Ch 19,20
11/18	Comparing Moon and Mercury THIRD EXAM (Ch 15-20)	Ch 21
11/25	No class Thanksgiving Holiday	
12/2	Venus, Mars, Jupiter, Saturn	Ch 22,23
12/9	Uranus, Neptune, Asteroids, Comets, Astrobiology (Last day of class)	Ch 24-26
12/16	FINAL EXAM (Ch 21-26)	

Attention Students with Disabilities: If you have a documented disability that requires accommodations, you will need to register with Student Disability Services (SDS) for coordination of your academic accommodations. The Student Disability Services (SDS) office is located at 1600 David Adamany Undergraduate Library in the Student Academic Success Services department. SDS telephone number is 313-577-1851 or 313-577-3365 (TDD only). Once you have your accommodations in place, I will be glad to meet with you privately during my office hours to discuss your special needs. Student Disability Services' mission is to assist the university in creating an accessible community where students with disabilities have an equal opportunity to fully participate in their educational experience at Wayne State University. Please be aware that a delay in getting SDS accommodation letters for the current semester may hinder the availability or facilitation of those accommodations in a timely manner. Therefore, it is in your best interest to get your accommodation letters as early in the semester as possible.

SDS News:

Effective Fall semester 2010 Student Disability Services will be implementing a revised alternative testing form when a student schedules classroom exams/quizzes administration at SDS. As before the student and instructor each have a portion to complete. Exams are to be mailed to a new password protected email address: sdsexams2010@wayne.edu.