

Astronomy 104
Spring 2005
Sections 9-12

Instructor: Dr. Eric Aitala
Office: 121 Powers Hall
Phone: 915-7822

Lecture: 101 Lewis Hall, 11:00-11:50 MW

Office Hours: 11 AM Friday, Lewis Tutoring Room, 9:30-10:30 AM 121 Powers Hall

Text: The Cosmic Perspective, J. Bennett et al.

DATE	CHAPTER	TOPIC
Jan. 19	Chapter 1 & 2	Intro, etc.
Jan. 24	Chapter 3 & 4	Science, history & matter and energy
Jan. 26	Chapter 5	Motion
Jan. 31	Chapter 6	Light 1
Feb. 2	Chapter 6	Light 2
Feb. 7	Chapter 7	Telescopes
Feb. 9		EXAM 1
Feb. 14	Chapter 15	Sun 1
Feb. 16	Chapter 15	Sun 2
Feb. 21	Chapter 16	Stars 1
Feb. 23	Chapter 16	Stars 2
Feb. 28	Chapter 16	Stars 3
Mar. 2	Chapter 17	Star Life 1
Mar. 7	Chapter 17	Star Life 2
Mar. 9		EXAM 2
Mar. 21	Chapter 17	Star Death 1
Mar. 23	Chapter 17	Star Death 2
Mar. 28	Chapter 18	Star Graveyard
Mar. 30	Chapter 19	Galaxy 1
Apr. 4	Chapter 19	Galaxy 2
Apr. 6	Chapter 19	Galaxy 3
Apr. 11		EXAM 3
Apr. 13	Chapter 20	Other Galaxies
Apr. 18	Chapter 21	Galaxy Evolution 1
Apr. 20	Chapter 21	Galaxy Evolution 2
Apr. 25	Chapter 22	Dark Matter & Universe 1
Apr. 27	Chapter 22	Dark Matter & Universe 2
May 2	Chapter S4	Big Bang
May 4	Chapter S5	SETI
May 11	[Noon – 3PM]	FINAL

Grading System:

Lab: 25%

Exams: 10% each

Final Exam: 27%

Quizzes, Homework: 18% - Lowest quiz grade will be dropped.

Students must show all relevant work involved in solving problems on exams, in homework, or in quizzes. Answer without proper work will not receive credit, but partial credit may be given for work without a final answer.

Class Policies: You must attend the lab section in which you are registered. Labs are a **required** part of this course. You **must** complete 70% of the lab assignments in order to pass.

Class participation is encouraged.

Lecture attendance is not required, however it is strongly encouraged if you hope to do well on the exams, quizzes, and assignments. Please turn off all cell phones during lecture. Reading the chapter before each class is suggested.

Students caught cheating will have points removed from the course total – this includes cheating on exams, labs, quizzes, and assignments.

Extra credit assignments may be given near the end of the semester.

Exam Policies: Material covered in class, lab, quizzes and homework may be included on the three in class exams. While these exams will not be comprehensive, certain material is important to many aspects of the course and may appear on the exams.

The final exam will be comprehensive.

All exams will be a combination of multiple choice and fill in the blank questions.

Students must bring a photo ID to all exams. Cell phones **must** be turned off during exams. All electronic devices **must** remain out of sight or be subject to confiscation for the exam period. Calculators will be provided for use in the exams – do not bring one. Students will not be allowed to leave the exams during the first 20 minutes or start the exam after that time. Students will not be allowed to make up an exam without a valid medical or university excuse.