

# AST 104

## Introductory Astronomy: Stars and Galaxies

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 Homepage: <http://www.physics.unlv.edu/~bzhang/AST104.html>  
 Class time: MW 11:30 am -12:45 pm (AST 104 001), 4:00 – 5:15 pm (AST 104 002)  
 Textbook: The Cosmic Perspective, J. Bennett, M. Donahue, N. Schneider, M. Voit  
 Office hours: MW 2:00-3:00 pm, BPB Rm 238

Week	Date	Subject	Reading
1	Jan. 21	Holiday	
	Jan. 23	Overview 1	Ch. 1-3
2	Jan. 28	Overview 2	Ch. 1-3, S1
	Jan. 30	Key concepts	Ch. 4-6
3	Feb. 4	Telescopes	Ch. 4-6
	Feb. 6	The Sun 1	Ch. 14
4	Feb. 11	The Sun 2	Ch. 14
	Feb. 13	Review 1	
5	Feb. 18	President's Day Recess	
	<b>Feb. 20</b>	<b>Test 1</b>	
6	Feb. 25	Stars 1	Ch. 15
	Feb. 27	Stars 2	Ch. 15
7	Mar. 3	Star birth	Ch. 16
	Mar. 5	Stellar life cycles 1	Ch. 17
8	Mar. 10	Stellar life cycles 2	Ch. 17, S4
	Mar. 12	Stellar graveyard 1	Ch. 18, S3, S4
Spring break			
9	Mar. 24	Stellar graveyard 2	Ch. 18, S3, S4
	Mar. 26	Review 2	
10	<b>Mar. 31</b>	<b>Test 2</b>	
	Apr. 2	Milky Way	Ch. 19
11	Apr. 7	Galaxies 1	Ch. 20
	Apr. 9	Galaxies 2 & evolution	Ch. 20, 21
12	Apr. 14	AGN	Ch. 21
	Apr. 16	Cosmology 1	Ch. 22
13	Apr. 21	Cosmology 2	Ch. 23
	Apr. 23	Review 3	
14	<b>Apr. 28</b>	<b>Test 3</b>	
	Apr. 30	Life in the Universe	Ch. 24
Study week			
16	<b>May 14 (am class)</b> <b>May 12 (pm class)</b>	<b>Final</b>	Time: 10:10 am Time: 6:00 pm

Exams, tests & scores:

- There is no lab associated with this course. The Astronomy Lab (AST105) is a separate course.
- There will be three tests on Feb. 20, Mar. 31 and Apr. 28. Each test lasts for 1 hour and there are 50 pts for each test. No make up tests are allowed, but the lowest score in the three tests will be dropped. You will get a maximum of 100 pts in the three tests
- **The final exam: The morning class (001) will be on Wednesday May 14 at 10:10 am, while the afternoon class (002) will be on Monday May 12 at 6:00 pm. The same classroom.** There will be 75 questions. The maximum score is 75 pts.
- There will be 25 pts assigned for attendance (as extra credits). Attendance will be checked randomly for 6 times during the semester. You own extra credits with at least 3 attendance records (5 pts for 3 attendance records, 10pts for 4, 15pts for 5 and 25pts for 6).
- The maximum score for the class will be 200 pts. Letter grades will be assigned for each test. Your final grade will be assigned based on the numerical scores you got in the tests, the final exam, and the attendance (see grading scale posted in my webpage).

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