

AST 104 Sect. 001, Spring 2007

Introductory Astronomy: Stars and Galaxies

Professor: Daniel Proga, Department of Physics, University of Nevada, Las Vegas
 Tel: 895-3507, Email: dproga@physics.unlv.edu
 Class time: Tuesday/Thursday 2:30-3:45 pm, BPB 102
 Textbook: "The Cosmic Perspective" by Bennett, Donahue, Schneider and Voit
 Notes: <http://www.physics.unlv.edu/~dproga/AST104S07.html>
 Office hours: Wednesday 2:30-3:30 pm, BPB Rm. 240

Week	Date	Subject	Reading
1	Jan. 16	Overview 1	Ch.1, A. C
	Jan. 18	Overview 2	Ch. 3
2	Jan. 23	Light and Matter	Ch. 5
	Jan. 25	Observing Universe	Ch. 6
3	Jan. 30	The Sun 1	Ch. 14
	Feb. 1	The Sun 2	Ch. 14
4	Feb. 6	Review 1	
	Feb. 8	Test 1	
5	Feb. 13	Stars 1	Ch. 15
	Feb. 15	Stars 2	Ch. 15
6	Feb. 20	Star birth	Ch. 16
	Feb. 22*	Stellar Life Cycles 1	Ch. 17
7	Feb. 27	Stellar Life Cycles 2	Ch. 17
	March 1	Death of Stars 1	Ch. 18
8	March 6	Death of Stars 2	Ch. 18
	March 8	Review 2	
	March 13	Spring Break	
	March 15	Spring Break	
9	March 20	Test 2	
	March 22	Milky Way 1	Ch. 19
10	March 27	Milky Way 2	Ch. 19
	March 29	Galaxies	Ch. 20
11	April 3	Galaxy Evolution 1	Ch. 21
	April 5	Galaxy Evolution 2	Ch. 21
12	April 10	Dark Matter & Energy	Ch. 22
	April 12	Cosmology 1	Ch. 23
13	April 17	Cosmology 2	Ch. 23
	April 19	Review 3	
14	April 24	Test 3	
	April 26	Wilder issues	Ch. 24
15	May 1	Q&A	
	May 3		
16	May 8	Final	

*** Class taught by a substitute**

Exams, tests & scores:

- There will be three tests on Feb. 8, March 20, and April 24. Each test lasts for 1 hour and there are 50 pts for each test. No make up tests will be made, 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 will be on Tuesday, May. 8-th at 3:10 pm. It will last 1 and 1/2 hours. The maximum score will be 75 pts.
- There will be 25 pts assigned for attendance. Attendance will be checked randomly 5 times during the semester, and each time the attendants will get 5 pts.
- The maximum score for the class will be 200 pts.
- Final letter grades will be assigned based on the total numerical score (= score from two tests+ final+ attendance points).

Other information:

- This is a survey course at the beginning level, which discusses stars, stellar systems and galaxies. Topics will include stellar evolution, formation of galaxies, and cosmology. A minimum of mathematics is required. Recommended for non-science majors. 3 credits.
- The UNLV Disability Resource Center (DRC) houses the resources for students with disability. If you have a documented disability that may require accommodations, you will need to contact the DRC for the coordination of services. The DRC is located in the Student Services Complex (SSC), Room 137. Their numbers are: VOICE (702) 895-0866, TTY (702) 895-0652, FAX (702) 895 0651. For additional information please visit: <http://studentlife.unlv.edu/disability>.
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