

# AST 103 Sect. 001, Spring 2009

## Introductory Astronomy: The Solar System

Professor: Daniel Proga  
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 Class time: Mondays/Wednesdays 10:00am-11:15 am, BPB 102  
 Textbook: "The Cosmic Perspective" by Bennett, Donahue, Schneider, and Voit  
 Notes: <http://www.physics.unlv.edu/~dproga/AST103S09.html>  
 Office hours: Tuesdays 2:30-3:30 pm, BPB Rm. 240

Week	Date	Subject	Reading
1	Jan. 12	Overview	Ch. 1
	Jan. 14	The Universe 1	Ch. 2
2	Jan. 19	M. L. King Jr. Day The	
	Jan, 21	The Universe 2	Ch. 2
3	Jan. 26	Astronomy as Science1	Ch. 3
	Jan. 28	Astronomy as Science2	Ch. 3
4	Feb. 2	Time and Navigation	Ch. S1
	Feb. 4	Motion/Energy/Gravity	Ch. 4
5	Feb. 9	Review 1	
	<b>Feb. 11</b>	<b>Test 1</b>	
6	Feb. 16	President's Day	
	Feb. 18	Light and Matter	Ch. 5
7	Feb. 23	Telescopes	Ch. 6
	Feb. 25	Our Planetary System	Ch. 7
8	March 2	Formation of planets	Ch. 8
	March 4	Planetary Geology 1	Ch. 9
9	March 9	Planetary Geology 2	Ch. 9
	March 11	Review 2	
10	<b>March 16</b>	<b>Test 2</b>	
	March 18	Planetary Atmospheres	Ch. 10
11	March 23	Planetary Atmospheres	Ch. 10
	March 25	Jovian Planets 1	Ch. 11
12	March 30	Jovian Planets 2	Ch. 11
	April 1	Asteroids, Comets, etc	Ch. 12
13	April 6	Spring Break	
	April 8	Spring Break.	
14	April 13	Other Systems	Ch. 13
	April 15	Life in the Universe	Ch. 24
15	April 20	Review 3	
	<b>April 22</b>	<b>Test 3</b>	
16	April 27	Wider Issues/Review	
	April 29	Q&A	
17	<b>May 4</b>	<b>Final</b>	

**Exams, tests & scores:**

- There will be three tests (Feb. 11, March 16, April 22). 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. The maximum score from the three tests is 100 pts.
- The final exam will be on Monday, May 4-th at 10:10 am. It will last 1 and 1/2 hours. The maximum score is 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 our place in the Universe, astronomy as science, and our and other planetary systems. Topics will include history of astronomy, formation of planetary systems, properties of planets and their atmospheres, properties of other objects in the solar system A minimum of mathematics is required. Recommended for non-science majors. 3 credits.
- The Disability Resource Center (DRC) coordinates all academic accommodations for students with documented disabilities. The DRC is the official office to review and house disability documentation for students, and to provide them with an official Academic Accommodation Plan to present to the faculty if an accommodation is warranted. Faculty should not provide students accommodations without being in receipt of this plan. UNLV complies with the provisions set forth in Section 504 of the Rehabilitation Act of 1973 and the Americans with Disabilities Act of 1990, offering reasonable accommodations to qualified students with documented disabilities. 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, and the contact numbers are: VOICE (702) 895-0866, TTY (702) 895-652, FAX (702) 895-0651. *For additional information, please visit: <<http://studentlife.unlv.edu/disability/>>.*
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