

AST 235. Astronomy: Stars, Galaxies, and Cosmology - Fall 2018

Tentative Lecture Schedule, week by week (plus helpful dates to remember)

Date	Chapter	Topic
Aug 14		Introduction to the Course
Aug 16	1.1-1.4	Modern View of the Universe
		<i>August 20 – last day to add/withdraw</i>
Aug 21	2.1-2.4	What We See in the Sky
Aug 23	2.1-2.4	Half class in the UNCG Planetarium: Earth's Orbit and its Effects
Aug 28	3.1-3.4	History of Astronomy, The Scientific Method
Aug 30	4.1-4.3	Basic Laws of Physics, I.
Sep 4	4.1-4.4	Basic Laws of Physics, II.
Sep 6	5.1-5.2	Properties of Light
		<i>Sep. 7: Last day to apply for December graduation</i>
Sep 11	5.3-5.4	Properties of Matter
Sep 13	6.1-6.3	Astronomical Telescopes and Types of Observation
Sep 18	14.1-14.2	The Sun: Internal Structure and Energy Source
Sep 20	14.3	Solar Activity
Sep 25	1-6, 14	Mid-Term Exam 1
Sep 27	15.1-15.2	Properties of Stars
Oct 2	15.3	Clusters of Stars
Oct 4	16	Star Formation
		<i>Oct. 5: Last day to withdraw without WF grade</i>
		<i>Oct. 9: Fall break, woot!</i>
Oct 11	17	Stellar Life Cycles: Low-Mass Stars
Oct 16	17	Stellar Life Cycles: High-Mass Stars
Oct 18	18	Death of Stars
Oct 23	19	The Milky Way Galaxy
Oct 25	14-19	Mid-Term Exam 2

Oct 30	20	Distance Scale in the Universe
Nov 1	20	Hubble's Law
Nov 6	21	The Variety of Galaxies
Nov 8	22	Dark Matter and Dark Energy
Nov 13	23	The Big Bang Theory
Nov 15	13	Planets found around other Stars
Nov 20	24	Life in the Universe
		<i>Nov. 21-25: Thanksgiving break, woot!</i>
Nov 27	1-6, 13-24	Course overview
Dec 4	1-6, 13-24	Final Exam (12:00 - 3:00 p.m.)

Grading Scale

A+ >96.1%	B+ 86.1-89.0%	C+ 76.1-79.0%	D+ 66.1-69.0%
A 92.1-96.0%	B 82.1-86.0%	C 72.1-76.0%	D 63.1-66.0%
A- 89.1-92.0%	B- 79.1-82.0%	C- 69.1-72.0%	D- 60.1-63.0%

F <60.0%

Course ID on MasteringAstronomy: aarnio09306