

Module	Week	Monday	Tuesday	Wednesday	Th.	Friday
Science	1 Sept. 21-23			Introduction and class norms		Groups: Science and society
Observing and Describing the Universe	2 Sept. 26-30	Astronomical Scale	Quantitative Science and Scientific Units	Kepler's Laws		Newton and Gravity
	3 Oct. 3-7	Forces	Behavior of light	Particles & Spectra		EXAM 1
Planetary Systems: The Solar System and Beyond	4 Oct. 10-14	The Solar System	Origin of the Sun & Planets	Blackbody radiation		Solar energy and Sun's spectrum
	5 Oct. 17-21	Earth & Moon	Planetary exploration	Jovian planets		What's up with Pluto?
	6 Oct. 24-28	Extrasolar planets	Astronomical distance: parallax	Stellar Magnitude & Luminosity		EXAM 2
Astronomical Actors: Stars, Black Holes and Galaxies	7 Oct. 31- Nov. 4	Stellar Class	HR Diagrams	Doppler Shift		Stellar Evolution
	8 Nov. 7-11	Main Sequence & Red Giants	Supernovae & Elements	Pulsars & White dwarfs		NO CLASS Veterans' Day
	9 Nov. 14-18	Black holes	The Milky Way & SMBH	Globular clusters and the local group		EXAM 3
Cosmology: Contemplating the Cosmos	10 Nov. 21-25	Dark matter	The Cosmic Ladder	NO CLASS: THANKSGIVING BREAK		
	11 Nov. 28- Dec.2	The Expanding Universe	Gravitational Lensing	The Big Bang		REVIEW
	Finals Week		FINAL EXAM Dec. 6 8AM-10AM			