

JANUARY		
Day	ASTR 112	ASTR 311
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6	Intro, science, sci not, angles	Intro, What is Science?
7		
8	Navigating the Sky: spring/summer	Olber's Paradox, Steady State Theory, Changing Universe
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13	Light	Light, Spectra, Doppler
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15	Atoms & spectra; <b>QUIZ 1 &amp; LAB 1</b>	Hubble's Law; Big Bang & expansion; <b>QUIZ 1</b>
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18		
19	Telescopes: types, examples	Particles, energy, matter, forces; unification
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21	Telescopes: features, problems	History of Universe: Planck to inflation
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26		
27	Solar interior, fusion	History of Universe: EW to galaxies
28		
29	Solar atmosphere, Solar cycle, sunspots; <b>QUIZ 2 &amp; LAB 2</b>	BB evidence; Multi-D space; <b>QUIZ 2</b>
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FEBRUARY		
Day	ASTR 112	ASTR 311
1		
2		
3	Flares/CME's	Dark matter/energy, possible fates
4		
5	Stellar groupings, magnitudes	Einstein, space & time
6		<b>PRES PROPOSALS DUE</b>
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10	Blackbodies, Wien's & SB Law	Special Theory of Relativity
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12	Luminosity, stellar class'n; <b>QUIZ 3 &amp; LAB 3</b>	General Theory of Relativity; <b>QUIZ 3</b>
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16	FAMILY DAY	FAMILY DAY
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19	STUDY DAYS	STUDY DAYS
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24	HR diag	Testing Relativity
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26	<b>TERM TEST #1</b>	<b>TERM TEST #1</b>
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MARCH		
Day	ASTR 112	ASTR 311
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3	Distance "ladder"	Stellar evolution
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5	Protostars, fusion, hydrostatic eq'm	Black Holes
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10	Low/int evolution	Quantum, Waves, Wave-Particle duality
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12	wd's, plan nebulae; <b>QUIZ 4</b>	Observation, Uncertainty Principle; <b>QUIZ 4</b>
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17	High mass stars, interior struc	Standard Model, Strings
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19	Supernovae, Neutron stars, pulsars	Fermi, Miller Urey, Habit Zone
20	<b>OBS PROJECTS DUE</b>	
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24	Black holes	Finding extrasolar planets
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26	Milky Way properties; <b>QUIZ 5 &amp; LAB 4</b>	Drake Eq'n, SETI, UFO's; <b>QUIZ 5</b>
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31	Milky Way structure, rotation curves	<b>PRESENTATIONS</b>

APRIL		
Day	ASTR 112	ASTR 311
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2	Galaxy classification, clusters; <b>LAB 5</b>	<b>PRESENTATIONS</b>
3	GOOD FRIDAY	GOOD FRIDAY
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6	EASTER MONDAY	EASTER MONDAY
7	Galaxy rot curves, collisions, evolution	<b>PRESENTATIONS</b>
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9	Quasars, AGN; <b>QUIZ 6</b>	<b>PRESENTATIONS; QUIZ 6</b>
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