

Franklin & Marshall College - Physics and Astronomy Department
 Astronomy 121: Introduction to Astrophysics
 F. Crawford
 Spring 2015 Course Schedule

Week	Meeting Dates	Topics	Reading
Week 1	W Jan 14 / F Jan 16	Intro; Math Review; Scientific Models	none
Week 2	M Jan 19 / W Jan 21 / F Jan 23	Coordinate Systems; Celestial Sphere	Ch. 1
Week 3	M Jan 26 / W Jan 28 / F Jan 30	Mechanics and Orbits	Ch. 2
Week 4	M Feb 2 / W Feb 4 / F Feb 6	Tides and Eclipses; Telescopes	Ch. 3
Week 5	M Feb 9 / W Feb 11 / F Feb 13	Radiation and Matter	Ch. 4
Week 6	M Feb 16 / W Feb 18 / F Feb 20	Radiation and Matter; Planets	Ch. 4, 5
Week 7	M Feb 23 / W Feb 25 / F Feb 27	Planets; Atmospheres and Interiors	Ch. 5
Week 8	M Mar 2 / W Mar 4 / F Mar 6	Stellar Properties; Magnitudes	Ch. 6
Week 9	M Mar 9 / W Mar 11 / F Mar 13	Exam Review; Hour Exam ; Topic?	none
— — —	<i>M Mar 16 / W Mar 18 / F Mar 20</i>	<i>Spring Break - no class</i>	<i>none</i>
Week 10	M Mar 23 / W Mar 25 / F Mar 27	Stellar Structure and Evolution	Ch. 8
Week 11	M Mar 30 / W Apr 1 / F Apr 3	Stellar Remnants; Binary Stars	Ch. 8, 9
Week 12	M Apr 6 / W Apr 8 / F Apr 10	Galaxies	Ch. 10
Week 13	M Apr 13 / W Apr 15 / F Apr 17	Cosmology	Ch. 11
Week 14	M Apr 20 / W Apr 22	Review and Wrap Up	none

All readings are from *Quantitative Astronomy* by Thomas L. Swihart.

Lab meetings start in Week 2.

The in-class hour exam will be given on **Wed Mar 11**.

The final exam will occur during the final exam period and will be scheduled by the Registrar's office.