

Franklin & Marshall College - Physics and Astronomy Department
 Astronomy 171: Introduction to Astrophysics
 F. Crawford
 Spring 2012 Course Schedule

Week	Meeting Dates	Topics	Reading
Week 1	W Jan 18 / F Jan 20	Introduction; Math Review; Scientific Models	none
Week 2	M Jan 23 / W Jan 25 / F Jan 27	Coordinate Systems; Celestial Sphere	Ch. 1
Week 3	M Jan 30 / W Feb 1 / F Feb 3	Mechanics and Orbits	Ch. 2
Week 4	M Feb 6 / W Feb 8 / F Feb 10	Tides and Eclipses; Telescopes	Ch. 3
Week 5	M Feb 13 / W Feb 15 / F Feb 17	Radiation and Matter	Ch. 4
Week 6	M Feb 20 / W Feb 22 / F Feb 24	Radiation and Matter; Planets	Ch. 4, 5
Week 7	M Feb 27 / W Feb 29 / F Mar 2	Planets; Atmospheres and Interiors	Ch. 5
Week 8	M Mar 5 / W Mar 7 / F Mar 9	Exam Review; Hour Exam ; Special Topic?	none
— — —	<i>M Mar 12 / W Mar 14 / F Mar 16</i>	<i>Spring Break - no class</i>	<i>none</i>
Week 9	M Mar 19 / W Mar 21 / F Mar 23	Stellar Properties; Magnitudes	Ch. 6
Week 10	M Mar 26 / W Mar 28 / F Mar 30	Stellar Structure and Evolution	Ch. 8
Week 11	M Apr 2 / W Apr 4 / F Apr 6	Stellar Remnants; Binary Stars	Ch. 8, 9
Week 12	M Apr 9 / W Apr 11 / F Apr 13	Galaxies	Ch. 10
Week 13	M Apr 16 / W Apr 18 / F Apr 20	Cosmology	Ch. 11
Week 14	M Apr 23 / W Apr 25	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 7**.

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