

## ASTR 7830 Space and Astrophysical Plasmas 2017 Schedule

<b>Dates</b>	<b>Week</b>	<b>Topics for the Week</b>	<b>Homework Thursday</b>	<b>Notes</b>
Aug 21-25	Week 1	Plasma sources (Ch. 2)	No HW	
Aug 28-Sep 1	Week 2	Plasma basics (Ch. 3)	HW 1	
Sep 4-8	Week 3	Plasma basics (Ch. 3)	HW 2	
Sep 11-15	Week 4	The Sun and the solar wind (Ch. 4-5)	HW 3	
Sep 18-22	Week 5	Boundaries and shocks (Ch. 6)	HW 4	
Sep 25-29	Week 6	Unmagnetized bodies/induced magnetospheres (Ch. 8)	HW 5	
Oct 2-6	Week 7	Earth/intrinsic magnetospheres (Ch. 9-11)	HW 6	
Oct 9-13	Week 8	Earth/intrinsic magnetospheres (Ch. 9-11)	Project Abstract	Project Abstract Due 10/12
Oct 16-20	Week 9	Giant planets (Ch. 12)	HW 7	
Oct 23-27	Week 10	The outer heliosphere and interplanetary medium	HW 8	
Oct 30-Nov 3	Week 11	Plasma physics on galactic scales	HW 9	
Nov 6-10	Week 12	Exotic bodies (pulsars, neutron stars, etc.)	HW 10	
Nov 13-17	Week 13	Plasma waves (Ch. 13)	HW 11	
Nov 20-24	Thanks- giving	No Class	No HW	<i>Turkey week!</i>
Nov 27-Dec 1	Week 14	Magnetic reconnection	HW 12	
Dec 4-8	Week 15	How to measure space plasmas	Final Project	Final Project Due 12/7