

ASTRONOMY 380: Life in the Universe

Spring 2007 Lecture Schedule

Jan 27	Introduction and Overview	Chapter 1
Jan 29	The Human Perspective of the Universe	Chapter 2
Feb 3	The Universe: the Context for Life	Chapter 3
Feb 5	Our Solar System: A Worked Example	Chapter 3
Feb 10	The History of the Earth	Chapter 4
Feb 12	The Dawn of Life on Earth	Chapter 4
Feb 17	Habitability and Climate Change	Chapter 4
Feb 19	Defining Life	Chapter 5
Feb 24	Traditional Life	Chapter 5
Feb 26	Life at the Extremes	Chapter 5
Mar 3	The Origins of Life on Earth	Chapter 6
Mar 5	Impact, Extinction, and Evolution	Chapter 6
Mar 10	Mid-term Exam	Chapter 1-6
Mar 12	Requirements for Life	Chapter 7
Mar 17	Spring Break	Party
Mar 19	Spring Break	Beach
Mar 24	Possibilities for Life in the Solar System	Chapter 7
Mar 26	Mars: Evolution of a Planet and Life?	Chapter 8
Mar 31	Life on Jovian Moons	Chapter 9
Apr 2	Habitable Zones	Chapter 10
Apr 7	Future of Life on Earth	Chapter 10
Apr 9	Humans are a stepping-stone to.... Where?	
Apr 14	Extra-Solar Planets	Chapter 11
Apr 16	The Drake Equation	Chapter 12
Apr 21	Is Intelligence Common?	Chapter 12
Apr 23	Searching for Other Civilization	Chapter 12
Apr 28	UFO's and Aliens on Earth	Chapter 12
Apr 30	The Challenge of Interstellar Travel	Chapter 13
May 5	The Fermi Paradox	Chapter 13
May 7	Relativity and Time Travel	Chapter 13
Mar 12	What will the Future Hold?	No Reading

Final Exam: Friday May 15 at 8am – 10 am

