

Astronomy 101 Section 1 Course Schedule

24 August, 2016
Updated 19 October, 2016

The schedule below could change and will be updated as needed.

Lecture	Day	Date	Topic(s)	Reading in Text
1	Wed.	24 Aug	Introduction	Foreword, 1
2	Fri.	26 Aug	I. How Science Works	3.4
3	Mon.	29 Aug	I. Ancient Astronomy	3.1, 2.1
4	Wed.	2 Sep	I. From Sumeria to Greece	3.2, 3.5
5	Fri.	4 Sep	I. The Celestial Sphere	2.2-2.3
6	Wed.	7 Sep	I. Classical Greece	2.3-2.4
7	Fri.	9 Sep	I. The Copernican Revolution	3.2-3.3
8	Mon.	12 Sep	I. Galileo & Kepler	3.3 (pp 65-69)
9	Wed.	14 Sep	I. Newton and Motion	4.1-4.2
10	Fri.	16 Sep	I. Gravity	4.3-4.5
11	Mon.	19 Sep	I. Epilogue and Review	
12	Wed.	21 Sep	Mid-term Exam 1	1-4
13	Fri.	23 Sep	II. Waves and the Spectrum	5.1-5.2
14	Mon.	26 Sep	II. Telescopes	6
15	Wed.	28 Sep	II. Cameras and Images	5.4 (pp 154-156)
16	Fri.	30 Sep	II. Spectra	5.3-5.5
17	Mon.	3 Oct	II. The Sun	14
18	Wed.	5 Oct	III. Terrestrial Overview	7
19	Fri.	7 Oct	III. Terrestrial Surfaces	9
20	Mon.	10 Oct	III. Terrestrial Interiors	9
21	Wed.	12 Oct	III. Terrestrial Atmospheres	10.1-10.5
22	Fri.	14 Oct	III. Life on Earth	8.3, 24.1
23	Mon.	17 Oct	III. Life and Water on Mars	24.2
24	Wed.	19 Oct	III. Climate and Change	10.6
25	Mon.	24 Oct	III. Review	
26	Wed.	26 Oct	Mid-term Exam 2	5-7, 8.3, 9-10, 14, 24.1-24.2
27	Fri.	28 Oct	IV. Asteroids	12.1-12.2
28	Mon.	31 Oct	IV. Gas Giants and Ice Giants	11.1
29	Wed.	2 Nov	IV. Rings	11.3
30	Fri.	4 Nov	IV. The Galilean Satellites	11.2 (pp 322-328)
31	Mon.	7 Nov	IV. The Moons of Saturn and Uranus	11.2 (pp 328-332)
32	Wed.	9 Nov	IV. Beyond Neptune	12.3-12.4
33	Fri.	11 Nov	IV. Pluto, Triton, and Planet Nine	12.4
34	Mon.	14 Nov	IV. The Formation of the Solar System	8.1-8.2, 12.5
35	Wed.	16 Nov	IV. Review	
36	Fri.	18 Nov	Mid-term Exam 3	8, 11, 12
37	Mon.	21 Nov	V. Introduction to Exobiology	24.3
38	Mon.	28 Nov	V. Detecting Exoplanets	13.1
39	Wed.	30 Nov	V. The Kepler Revolution	13.2
40	Fri.	2 Dec	V. The New Galactic Landscape	13.3-13.4
41	Mon.	5 Dec	V. Life out There	24.4-24.5
42	Wed.	7 Dec	V. Conclusion and Review	
	Fri.	16 Dec	Final Exam (12 pm)	