

## Tentative Lecture Schedule for Physics 100, Spring 2021

**Disclaimer:** I reserve the right to modify this schedule to meet the needs of the class. The numbers below refer to sections in the textbook, *Physics: Concepts and Connections*, Fifth Edition by Art Hobson.

Jan. 12	Introduction, Scientific Process (Ch.1.6)
Jan. 14	Ch. 1.0-1.3 plus some additional Greek astronomy
Jan. 19	1.4-1.8
Jan. 21	2.0-2.5
Jan. 26	2.6-2.8, 3.0-3.2
Jan. 28	3.3-3.5
Feb. 2	3.6, 4.0-4.3
Feb. 4	4.4-4.5
Feb. 9	4.7 (read 4.6), 5.0-5.1, Poster Topic Due
Feb. 11	Test 1 covering Chapters 1-4 and corresponding lecture material
Feb. 16	Go over Test 1; 5.2 plus rotational motion
Feb. 18	Torque, Angular momentum, rotational inertia
Feb. 23	5.3-5.6
Feb. 25	6.0-6.4
Mar. 2	6.5-6.7
Mar. 4	1 <sup>st</sup> Law of Thermodynamics, 7.0-7.4
Mar. 8-12	Mid-Term Break
Mar. 16	7.4-7.5, 7.8 (read 7.6-7.7)
Mar. 18	Chaos, outside of class you should view the Chaos video linked on Homework page
Mar. 23	Chaos continued
Mar. 25	Test 2 over Chapters 5-7, Rotational Dynamics, Chaos, and corresponding lecture material
Mar. 30	Go over Test 2; 8.0-8.3; Draft of Poster Due
Apr. 1	8.4-8.6
Apr. 6	9.0-9.6
Apr. 8	9.7, 9.9
Apr. 13	12.0-12.5
Apr. 15	12.6, 13.0-13.4; Poster Due
Apr. 20	13.5-13.7
Apr. 22	No Class - Truman Student Research Conference
Apr. 27	Test 3 covering Chapters 8-9, 12-13 and corresponding lecture material
Apr. 29	Go over Test 3, Review for comprehensive Final Exam covering Chapters 1-9, 12-13, Rotational Dynamics, Chaos, and corresponding lecture material
May 3	Comprehensive FINAL EXAM covering Chapters 1-9, 12-13, Rotational Dynamics, Chaos, and corresponding lecture material TIME FOR FINAL EXAM: 9:30 AM - 11:20 AM PLACE: MG 2001