PHY 4324 E&M2 Schedule, Fall 2018. Subject to change.

Chapter 7 Electrodynamics
5. F, 09/31: Finish section 7.2
   M, 09/03: Labor Day
6. W, 09/05: Some problems. Problem set 1 due. (Guest lecturer)
7. F, 09/07: Start section 7.3, Maxwell’s Equations. (Guest lecturer)

Chapter 8 Conservation Laws
9. W, 09/12 Section 8.1, Charge and Energy.
10. F, 09/14: Section 8.2, Momentum.

Chapter 9 Electromagnetic Waves
   Tuesday 09/25 8:20-10:10 pm Exam 1 (covers Chapters 7 and 8). NPB 1002
18. W, 10/03: Continue section 9.3.
19. F, 10/05: Finish 9.3; start Section 9.4, Absorption and Dispersion.
22. F, 10/12: Some problems.

Chapter 10 Potentials and Fields
27. W, 10/24: Start section 10.2, Continuous Distributions.
30. W, 10/31: Section 10.3, Point Charges.
   F, 11/02: Homecoming.
   Monday, 11/05 8:20-10:10 pm Exam 2 (Covers Chapters 9 and 10). NPB 1002
Chapter 11 **Radiation**

32. W, 11/07: Start section 11.1, **Dipole Radiation**.
   M, 11/12: **Veterans’ Day**.
34. W, 11/14: Start section 11.2, **Point Charges**.
   W, 11/21--F, 11/23 Thanksgiving **holiday**.
37. M, 11/26: **Electromagnetic coherence and interference**.
39. F, 11/30: **Scalar diffraction theory**.
40. M, 12/03: Continue.
41. W, 12/05: Review for Final /Classes end.

   W, 12/12: **Final Exam** 10am--noon
   (Covers everything, stresses Chap. 11 and Things Not in the Book)