**PHY 2061, Class # 22039 — Fall 2019 — Class Schedule**

The following schedule is tentative, look for updates through the semester, but the sequence of chapters and topics should be reliable.

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|   | Chapter(s) | Tuesday | Topic | Thursday | Topic |
| Week 1 | 25, 26 | August 20 | Coulomb's Law | August 22 | Electric Field |
| Week 2 | 26, 27 | August 27 | E field, dipoles | Aug. 29 | Gauss' law |
| Week 3 | 27, 28 | Sept. 3 | Gauss' law, conductors | Sept. 5 | Electric Potential, energy |
| Week 4 | 28,29 | Sept. 10 | Electric Potential, energy | Sept. 12 | Electric Materials |
| Week 5 | test, 30 | Sept. 17 | *Test on Chaps. 25-28* | Sept. 19 | Capacitance |
| Week 6 | 31,32 | Sept. 24 | Currents and circuits | Sept. 26 | Magnetism |
| Week 7 | 33,34 | Oct. 1 |  ***B*** field (\*) | Oct. 3 | Biot-Savart law (\*) |
| Week 8 | 33,34 | Oct. 8 | Ampère's law | Oct. 10 | Faraday's Law, Induction |
| Week 9 | test, 35 | Oct. 15 | Test on Chaps. 29-34 | Oct. 17 | Magnetic Dipoles |
| Week 10 | 35,36 | Oct. 22 | *Magnetic materials – video* "35-36" 35.5-> | Oct. 24 |  *Inductance-video* |
| Week 11 | 37 | Oct. 29 | RLC alternating current circuits | Oct. 31 | RLC alternating current circuits |
| Week 12 | 38 | Nov. 5 | Maxwell's equations | Nov. 7 | Maxwell's equations |
| Week 13 | 39 | Nov. 12 | Poynting vector, waves | Nov. 14 | Refraction, Snell's law |
| Week 14 | 40 | Nov. 19 | Mirrors and lenses | Nov. 21 | Mirrors and lenses |
| Week 15 | 41 | Nov. 26 | No class-Chap. 41 Video | Nov. 28 | No class - Thanksgiving |
| Week 16 | 25-41 | Dec. 3 | *Last Day - Overall Review* | Dec. 5-6 | reading days |

**Final Exam:** Thursday, Dec. 12, 7:30 am-9:30 am [(Exam Group 12A)](http://www.registrar.ufl.edu/soc/200908/all/honorspr.htm) (Cumulative)