

AP-B Physics

Week of December 2nd

Website: <http://www.tarleton.edu/physics/APPhysicsB/index.html>

1. Monday December 2

In Class – Student Outbrief their results on the Pendulum Lab. Review trigonometry for $A*\sin(\omega t + \delta)$ and $A*\cos(\omega t + \delta)$ functions including amplitude, angular frequency, frequency, period, and phase shift.

Outside of Class:

- Read Sections 11.1-11.2 (Pages 286-291) of Giancoli (Work all examples)
- Do any material on Oscillation Module on Website

2. Tuesday December 3

In Class – Oscillations

Outside of Class:

- Read Sections 11.3-11.4 (Pages 292-297) of Giancoli (Work all examples)
- Work on Homework 20 as time permits (Due Friday)
- Do any material on Oscillation Module on Website

3. Wednesday December 4

In Class – Student Group Board Work (Chapter 11 Questions 2, 4, 5, 7, and 8; Problems 1, 2, 5, 7, 8, 10, and 11)

Outside Class:

- Read Sections 11.5-11.6 (Pages 298-299) of Giancoli
- Work On Homework 20 as Time Permits (Due Friday)

4. Thursday December 5

In Class – Complete Oscillations and Start Waves

Outside Class:

- Read Sections 11.7-11.8 (Pages 300-305) of Giancoli
- Work on Homework 20 as time permits (Due Friday)

5. Friday December 6

In Class – Student Group Board Work (Chapter 11 Problems 12, 17, 20, 21, 26, 28, and 31)

Outside Class:

- Complete Homework 20 (Due Tonight)
- Read Sections 11.9-11.12 (Pages 305-309) of Giancoli
- Prepare for Test 12 on Statics, Fluids, and Oscillations on Monday

6. Monday December 9!! (Statics, Fluids, and Oscillations)

- Anticipate extracurricular schedule conflicts and work ahead as needed.

You may contact me directly at: marble@tarleton.edu or by Skype