

PHYSICS II COURSE CALENDAR  
PHYS2426A

DR J TISON

FALL, 2012

| Date                            | Lecture  | Homework<br>Mast. Phys | Laboratory<br>(eScience LabKits)  | Exam                 |
|---------------------------------|--|------------------------|---|----------------------|
| <b>Physics II: Subterm B</b>    |  |                        |   |                      |
| <b>October, 2012</b>            |  |                        |   |                      |
| 24 (W)                          | Phys I Review; Std. Exam                             |                        | Lab Report:   |                      |
| 25 (Th)                         | <b>Chapter 10</b><br>Fluids                          | Chapter 10             | eS1 L16: Fluids<br>Expt 4: Buoyancy<br><u>On Line Quiz:</u><br>eS1 L 16: Expt 1-3<br>eS1 L 15: Solids |                      |
| <b>October-November, 2012</b>   |  |                        |   |                      |
| 30 (Tu)                         | <b>Chapter 11</b><br>Vibrations, Waves               | Chapters<br>11, 12     | <u>On Line Quiz:</u><br>eS2 L8: Waves:  |                      |
| 31 (W)                          | <b>Chapter 12</b><br>Sound                           |                        | <u>On Line Quiz:</u><br>eS2 L11: Sound:   |                      |
| 01 (Th)                         | PS-1   |                        |   |                      |
| 06 (Tu)                         | PS-2   | Chapter<br>13          | Lab Report:   |                      |
| 07 (W)                          |  |                        | eS2 L4: Temp/Heat:<br>Expt 3: Specific Heat   | <b>Exam 1</b>        |
| 08 (Th)                         | <b>Chapter 13</b><br>Temperature, Kin. Theory        |                        | <u>Lab Report:</u><br>eS2 L5: Therm. Energy<br>Expt 2: Charles' Law                                   |                      |
| 13 (Tu)                         | <b>Chapter 14</b><br>Heat                            | Chapters<br>14, 15     | <u>On Line Quiz:</u><br>eS2 L6: Heat Transfer   |                      |
| 14 (W)                          | <b>Chapter 15</b><br>Laws of Thermodynamics          |                        | <u>Lab Report:</u><br>eS2 L7: Phase Changes   |                      |
| 15 (Th)                         | PS-1   |                        |   |                      |
| 20 (Tu)                         | PS-2   |                        |   | <b>Exam 2</b>        |
| 21 (W)                          |  |                        |   | <b>Read. Assign.</b> |
| 22 (Th)                         | <b>Thanksgiving Holiday</b>                          |                        |   |                      |
| <b>November- December, 2012</b> |  |                        |   |                      |
| 27 (Tu)                         | <b>Chapter 16</b><br>Elect. Charge, Elect Field      | Chapters 16-<br>19     | Lab Report  | <b>Lab Midterm</b>   |
| 28 (W)                          | <b>Chapter 17</b><br>Electric Potential              |                        | eS2 L12: Elect. Fields<br>Expt 1: Static Materials  |                      |
| 29 (Th)                         | <b>Chapter 18,19</b><br>Elect. Currents, DC Circuits |                        |   |                      |
| 03 (Tu)                         | PS-1   |                        | <u>On Line Quiz</u><br>eS2 L13: Elect. Current<br><u>On Line Quiz</u><br>eS2 L14: Elect. Circuits     | <b>Lab Final</b>     |
| 04 (W)                          | PS-2   |                        |   |                      |
| 05 (Th)                         |  |                        |   | <b>Exam 3</b>        |
| 10 (Tu)                         |  |                        |   | <b>Final Exam</b>    |