LECTURERS                Section         Office     Phone       e-mail
Prof. K. Honscheid      8:30 & 9:30   PRB 3054   292-3287    honscheid.1@osu.edu
Prof. F. Yang           10:30 & 11:30  PRB 2006   688-4390    yang.1006@osu.edu
Prof. J. Beacom         12:30 & 1:30    PRB M2004   247-8102    beacom.7@osu.edu

Course Manager:        Dr. M. Rallis – SMITH 1036B, 292-4464, rallis.1@osu.edu
WebAssign Administrator: Dr. K. Bolland – SMITH 1106D, 292-8065, bolland.1@osu.edu

REQUIRED TEXTS & MATERIALS:
  Physics by Cutnell & Johnson, 8th ed.
  Worksheets for Physics 111 Laboratory, 17th ed. (2008)
  WebAssign Access Card

POLICIES AND WEBSITE:
  See the “Welcome to Students of Physics 111” packet for course policies.
  Course Home Page: http://www.physics.ohio-state.edu/~phys111

MIDTERM EXAM (in recitation room): MONDAY, MAY 3, 2010

FINAL EXAM (in recitation room):

<table>
<thead>
<tr>
<th>SECTION LECTURE TIME</th>
<th>FINAL EXAM DATE AND TIME</th>
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<tbody>
<tr>
<td>8:30 AM and 9:30 AM</td>
<td>WED., JUNE 9 AT 9:30 AM – 11:18 AM</td>
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<tr>
<td>10:30 AM and 11:30 AM</td>
<td>THURS., JUNE 10 AT 11:30 AM – 1:18 PM</td>
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<tr>
<td>12:30 AM and 1:30 AM</td>
<td>MON., JUNE 7 AT 11:30 AM – 1:18 PM</td>
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Make no commitment that conflicts with your scheduled final examination.
See Dr. Rallis by April 24th if a conflict exists.

SCHEDULE AND ASSIGNMENTS
  Reading, homework, etc. assignments below refer to Cutnell & Johnson, 8th ed.
  Homework is submitted online via the WebAssign web page:
      https://www.webassign.net/osu/student.html
  See On-Line Homework Instruction sheet for login instructions, etc.
LAB: NO LAB this week

Mar 29  R  Assignment Sheets, Math Test; Demo Problem (Ch 1 P4)
       30  L  Displacement, Velocity, Acceleration (Read Ch 1 S2 – 5; Ch 2 S1 – 3)
       31  R  Demo Problems (Ch 2 P10, 18); Conceptual Questions

Apr 1   L    Constant Acceleration (Read Ch 2 S4 – 8)
       2  Optional Trig. Review session at 10:30 (in MP 1040)  and 11:30 (in MP 1046)

HW: ONLINE HOMEWORK #0 due at 8 PM
    Log into WebAssign and complete the Webassign Tutorial

LAB:  Kinematics in 1 Dimension (Lab 1)

Apr 5  R  QUIZ 1; Demo Problems (Ch 2 P60; Ch 1 P39); Concept Questions
       6   L  Trigonometry and Vectors (Ch 1 S4-9)
       7   R  Office hour/tutoring in recitation
       8   L  Vectors and Projectile Motion (Ch 3 S1 – 3)
       9  HW: ONLINE HOMEWORK #1 due at 8 PM
           (Ch 2: P6, 20, 27, 29, 35, 51, 52, 55, 77, 82, 79)

LAB:  Projectile Motion (Lab 2)

Apr 12 R  QUIZ 2; Demo Problems (Ch 3 P20, 75); Concept Questions
       13  L  Projectile Motion (Ch 3 S3, 5)
       14  R  Office hour/tutoring in recitation
       15  L  Newton’s Laws, Forces (Ch 4 S1 – 5, Example 20 on p. 122)
       16  HW: ONLINE HOMEWORK #2 due at 8 PM
           (Ch 1: P36, 37, 61, 62; Ch 3 P3, 9, 12, 16, 22, 29, 35)

Friday, apr 16th is the last day to drop this class without a “W”

LAB:  Forces and Vectors (Lab 3)

Apr 19 R  QUIZ 3; Demo Problems (Ch 4 P7, 72); Concept Questions
       20  L  The Gravitational Force (Ch 4 S6-7)
       21  R  Office hour/tutoring in recitation
       22  L  Normal Force, Tension, Friction (Ch 4 S8 – 10)
       23  HW: ONLINE HOMEWORK #3 due at 8 PM
           (Ch 3 P68, 70; Ch 4 P1, 11, 14, 15, 17, 30, 38, 39, 98)

LAB:  Forces and Motion (Lab 4)

Apr 26 R  QUIZ 4; Demo Problems (Ch 4 P44, 75, 111); Concept Questions
       27  L  Applications of Newton’s Laws (Ch 4 S11 - 13), Pressure (Ch 11, S1)
       28  R  Office hour/tutoring in recitation
       29  L  Circular Motion (Ch 5 S1-4, 7-8)
       30  HW: ONLINE HOMEWORK #4 due at 8 PM
           (Ch 4 P40, 46, 55, 56, 67, 74, 76, 81, 102, 106, 109; Ch 11 P17)
LAB:  Circular Motion (Lab 5)

May 3  R  MIDTERM EXAM (in RECITATION ROOM)
4    L  Work and Energy (Ch 6 S1-3, Example 15 on page 183-184)
5    R  Demo Problems (Ch 5 P55, Ch 6 P8, 26); Concept Questions
6    L  Conservation of Energy, Power (Ch 6 S4-8, 10)
7    HW: ONLINE HOMEWORK #5 due at 8 PM
     (Ch 5: P5, 13, 21, 41, 46; Ch 6 P4, 6, 15, 17, 18, 24, 33)

LAB:  Energy Conservation (Lab 6)

May 10 R  Quiz 5; Demo Problems (Ch 6 P49, 83); Concept Questions
11   L  Momentum, Impulse, Conservation of Momentum (Ch 7 S1-2)
12   R  Office hour/tutoring in recitation
13   L  Collisions; Center of Mass (Ch 7 S3, 5, 6)
14   HW: ONLINE HOMEWORK #6 due at 8 PM
     (Ch 6 P40, 41, 62, 78, 80, 82; Ch 7 P6, 8, 11, 17, 19)

Friday, May 14th is the last day to drop without petition to dean of your college

LAB:  Linear Momentum (Lab 7)

May 17 R  QUIZ 6; Demo Problems (Ch 7 P13, 33); Concept Questions
18   L  Rotational Kinematics (Ch 8 S1-5)
19   R  Office hour/tutoring in recitation
20   L  Torque; Static Equilibrium (Ch 9 S1, 2)
21   HW: ONLINE HOMEWORK #7 due at 8 PM
     (Ch 7 P31, 32, 49, 51, 63; Ch 8 P9, 13, 17, 23, 25, 30)

LAB:  No Lab this week

May 24 R  QUIZ 7; Demo Problems (Ch 8 P35; Ch 9 P8, 18); Concept Questions
25   L  Static Equilibrium Examples (Ch 9 2, 3)
26   R  Office hour/tutoring in recitation
27   L  Newton’s 2nd Law forRotation (Ch 9 S4)
28   HW: ONLINE HOMEWORK #8 due at 8 PM
     (Ch 8: P38, 48; Ch 9 P1, 4, 12, 16, 22, 25, 71, 72)

LAB:  Torque and Rotational Motion (Lab 8)

May 31 MEMORIAL DAY – NO CLASSES
Jun 1  L  Applications of Newton’s 2nd Law for Rotation (Ch 9 S7)
2    R  Demo Problems (Ch 9 P26, 32, 36); Concept Questions
3    L  Rotational Work and Energy, Angular Momentum (Ch 9 S5-6)
4    HW: ONLINE HOMEWORK #9 due at 8 PM
     (Ch 8 P54; Ch 9 P31, 34, 37, 41, 48, 54)