Chem 233 – Organic Chemistry I

Dr. John H Penn
Google “John Penn WVU”
jpenn2@mix.wvu.edu
Instructor Contact Information

• Office
  – 561 CRL (next to 559, NOT next to 560)
  – Take the elevator, do NOT take the stairs
  – Appointments through the website

• Website
  – http://www.as.wvu.edu/~jpenn
  – Google “John Penn WVU” and take the very first hit
## Summer 2016

### Chem 233

<table>
<thead>
<tr>
<th>Exam 1</th>
<th>Exam 2</th>
<th>Exam 3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Friday, May 27, 2016</td>
<td>Monday, June 6, 2016</td>
<td>Monday, June 13, 2016</td>
</tr>
<tr>
<td>@ Soc/Anthro Testing Center</td>
<td>@ Soc/Anthro Testing Center</td>
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</tr>
</tbody>
</table>

### Lectures

- **Monday, May 16, 2016**
- **Tuesday, May 17, 2016**
- **Wednesday, May 18, 2016**
- **Thursday, May 19, 2016**
- **Friday, May 20, 2016**
- **Monday, May 23, 2016**
- **Tuesday, May 24, 2016**
- **Wednesday, May 25, 2016**

### YouTube Videos

- **B4-01-01** Atomic Structure (worked examples)
- **B4-01-02** Ionic and Covalent Bonds (worked examples)
- **B4-01-03** Drawing Line Structures (worked examples)
- **B4-01-04** Hybridization and Bonding (worked examples)
- **B4-01-05** Acidity (worked examples)
- **B4-01-06** Physical Properties (worked examples)

### Helpful YouTube Videos, Primarily of Worked Examples

- **Overview - Sy2 vs Sy1 Reactions**
- **Sy2 Reactions**
- **Sy2 Reactions - Worked Examples**
- **Sy1 Reactions**
- **Sy1 Reactions - Worked Examples**

### Assigned Homework

### Syllabus

- **Class Syllabus**
- **WE LEARN System**
Instructor Contact Information

• Phone
  – 304-293-0915 (NOTE: Text messages do not go through this number)
  – Cell phone number will be provided in class

• Email
  – jpen2@mix.wvu.edu is fastest
  – John.Howard.Penn@gmail.com is fast
  – John.Penn@mail.wvu.edu gets slow service
## Final Grade Determination

<table>
<thead>
<tr>
<th>Component</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Exam 1</td>
<td>20%</td>
</tr>
<tr>
<td>Exam 2</td>
<td>20%</td>
</tr>
<tr>
<td>Exam 3</td>
<td>20%</td>
</tr>
<tr>
<td>Exam 4 (cumulative)</td>
<td>30%</td>
</tr>
<tr>
<td>Homework</td>
<td>5%</td>
</tr>
<tr>
<td>Class Participation</td>
<td>5%</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>100%</strong></td>
</tr>
<tr>
<td>Bonus</td>
<td>10%</td>
</tr>
<tr>
<td><strong>Final Numerical Score</strong></td>
<td><strong>110%</strong></td>
</tr>
</tbody>
</table>
Chem 233 – Organic Chemistry I

• Lecture Course Only
  – Lab grade does not get entered into the final grade determination.
  – Lab will be meeting this week
  – Lecture composed of
    • Exams
    • Homework
    • In-Class Participation
Lecture Materials

Only Recommended

• Textbook

• Study Guide
Lecture – 10:30 – 11:50 am MTWRF

• Textbook
  – *Organic Chemistry by Paula Bruice (7th Edition)*

• Class Participation
  – Obtain an account from TopHat.com

• Homework
  – Assigned problems from the WE_LEARN System

• Exams (see the next slide)
Exam Schedule

• Friday, May 27, 2016, 10:30 am – 12:30 pm
• Monday, June 6, 2016, 10:30 am – 12:30 pm
• Monday, June 13, 2016, 10:30 am – 12:30 pm
• Friday, June 24, 2016, 9:30 am – 12:30 pm
• Retake (if necessary) on Saturday, June 25, 2016, 10:00 AM – 12:00 PM

All exams administered in the computer lab of the Soc/Anthro Testing Center
Homework

- [onDemand.Questionmark.com/399959/perception](onDemand.Questionmark.com/399959/perception)
- Due Dates will be assigned
  - (work the assignments with deadlines)
  - Each attempt brings a new assignment
  - Homework Grade is based upon the maximum score for each assignment
  - Target Grade = 100%
Homework Grades in Past Semesters

Why less than 90%???
Issues Relative to TopHat.com

Class Participation
• 5% of Course Grade
• Account Needed
  – Purchase of Full Year Recommended if you are taking Penn for Chem 234 in the Fall 2016 Semester
• Course Number 613245

Bonus Credit
• Up to 10% Additional Credit
• Account Needed
• Course Number 911731
Class Participation

• Get an account from TopHat.com
  – **PLEASE** choose an account name such as your MIX name
  – Cost ~$20 (Cost is in Canadian dollars, not USD)
Class Participation

• Four (4) class periods will be dropped
  – First and second class periods will be automatically dropped
  – Four (6) questions/class
  – Each question is usually graded on 50% participation and 50% correctness
Class Participation

• Four (4) class periods will be dropped
  – First and second class periods will be automatically dropped
  – Four (6) questions/class
  – Each question is usually graded on 50% participation and 50% correctness

• **You play with me and I play with you.**
  – Honestly work the in-class questions
  – Pay attention
  – I give you the answers and you get 100%
Chem 233 Exam Averages

Exam 1: Spring 2014 86.50%, Summer 2014 89.70%, Spring 2015 85.00%

Exam 2: Spring 2014 71.20%, Summer 2014 82.50%, Spring 2015 74%

Exam 3: Spring 2014 63.50%, Summer 2014 75.80%, Spring 2015 67.20%

Exam 4: Spring 2014 67.50%, Summer 2014 75.10%, Spring 2015 65.30%
Grade Distributions in Previous Semesters

**Grade Distribution, Chem 233 Spring 2015**
- A, 18, 15%
- B, 31, 25%
- C, 40, 33%
- D, 25, 20%
- W, 6, 5%
- F, 3, 2%

**Grade Distribution Chem 233 Spring 2014**
- A, 13, 13%
- B, 26, 27%
- C, 22, 22%
- D, 19, 19%
- F, 12, 12%
- W, 7, 7%
- I, 0, 0%

**Chem 233, Summer 2014**
- A, 20, 29%
- B, 22, 32%
- C, 19, 28%
- D, 5, 7%
- W, 0, 0%
- F, 1, 2%
- I, 1, 2%
What have I missed?
First attempts at TopHat

Are you male or female?

A. Male
B. Female

Text 8092 choice to (315)-636-0905
Either A or B

Store this number as a contact
First attempts at TopHat

Have you taken Chem 233 (i.e., Organic Chemistry I) previously?

A. Yes
B. No

Text 7050 choice to (315)-636-0905

Either A or B
What was your grade in Chem 116 (or the equivalent)?

A. “A”
B. “B”
C. “C”
D. “D”
E. “F”
F. “I”
G. I haven’t taken the course yet.

Store this number as a contact

Text 6067 choice to (315)-636-0905
Either A or B
What is your expected grade in this course (i.e., Chem 233)?

A. “A”
B. “B”
C. “C”
D. “D”
E. “F”
F. “I”

Store this number as a contact

Text 0893 choice to (315)-636-0905
Either A or B
What is your professional goal? Why are you taking this course?

A. Biology Graduate School
B. Biochemistry
C. Chemical Engineer
D. Chemist
E. Environmental Science
F. Forensic Science
G. Law
H. Medical Doctor
I. Nutritionist
J. Optometrist
K. Pharmacist
L. Physical Therapy
M. Teaching
N. Veterinarian
O. Haven’t Decided Yet

Store this number as a contact

Text 4668 choice to (315)-636-0905
Either A or B