<table>
<thead>
<tr>
<th>Lecture materials:</th>
<th>Ira N. Levine Physical Chemistry, Fifth Edition</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lecture time:</td>
<td>MWF 1:05 PM to 1:55 PM</td>
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<td>Lecture place:</td>
<td>Room 101 in ChemSci Building</td>
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<tr>
<td>Office hour:</td>
<td>Office hour is from 11:00 AM to 12:00 AM on Monday, Wednesday and Friday. But you can stop by my office anytime. E-mail is also a good way to contact with me.</td>
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<tr>
<td>Homework:</td>
<td>Homework will be assigned for each chapter covered in the class but will not be collected and graded. The key for each assignment will be given one week before each exam. It is strongly suggested that you practice the homework independently and fully understand the solution for each question.</td>
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<tr>
<td>Class attendance:</td>
<td>Although the class attendance for each student will not be recorded. It is your responsibility to attend the class and take necessary notes for this course.</td>
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<tr>
<td>Handout:</td>
<td>Handout will be given before each class. The handout outlines what is going to be covered in the class. But taking necessary notes is still needed during the class.</td>
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<tr>
<td>Exam:</td>
<td>There are three exams in this semester. The first two exams contain the material from specific chapters covered in the class after the last exam. The final one will be a comprehensive exam. An unexcused absence will be an automatic zero on the exam. If you have a valid reason to be absent from an exam such as field trip, job interview, athletic event, etc., notify the instructor prior to the exam. If an unanticipated problem makes it impossible to attend the exam, notify the instructor as soon as possible. An extended delay will be considered to be an unexcused absence. The format of the exam will be problem solving, filling the blanks, true or false and short assay if necessary.</td>
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<tr>
<td>Scores and grades</td>
<td>Each exam will have 6 bonus points. The bonus points obtained can only be used to compensate the point lost from the regular questions in the same exam. They cannot be transferred to the next exam. You can earn up to total 30 points in each of first two exams. The total points you can earn in the last exam will be 40 points.</td>
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Exam I  30 points  
Exam II  30 points  
Exam III  40 points  

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Total  100 points  
The final grade will be given as follows:
A  90 – 100 points  
AB  85 – 89 points  
B  80 – 84 points  
BC  75 – 79 points  
C  70 – 74 points  
CD  65 – 69 points  
D  60 – 64 points  

Ten chapters will be covered as shown in the following:

Chapter 1  Thermodynamics  
Chapter 2  The First Law of Thermodynamics  
Chapter 3  The Second Law of Thermodynamics  
Exam I  
Chapter 4  Material Equilibrium  
Chapter 5  Standard Thermodynamic Functions of Reactions  
Chapter 6  Reaction Equilibrium in Ideal Gas Mixtures  
Exam II  
Chapter 7  One-Component Phase Equilibrium  
Chapter 8  Real Gases  
Chapter 9  Solutions  
Chapter 10  Nonideal Solutions  
Exam III