

2015

# Chemistry 101-006 General Chemistry I Fall 2015

Manuel I. Rodriguez

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# Parkland's Mission: To Engage the Community in Learning

## General Chemistry I – CHE101

## Course Syllabus

**Instructor:** Manuel I. Rodriguez (Manny)  
**Office:** L136

**Email:** MRodriguez@Parkland.edu (*preferred*)  
**Phone:** 217-351-2583 extension

**Office Hours: Monday through Friday: 8:00am to 9:00 or by appointment.**

See Manny's schedule posted on Cobra for other available times.

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### **Course Information**

General Chemistry I

#### **CHE 101 – Section 006**

Class Meetings:           W/R   11:00am to 11:50am           Rm. L-239  
                                      F       11:00am to 12:50pm           Rm. L-239  
Lab Meetings:             T       11:00am to 1:50pm           Rm. M-232

Final Exam: **Thursday, December 17<sup>th</sup>, 2015 from 11:00 to 1:00pm**           **Rm. L239**

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### **Required Materials:**

**Textbook:** Burdge, Atom's First (2<sup>nd</sup> Edition, McGraw-Hill 2014)  
**Lab Manual:** "CHE 101 Experiments", Parkland Chemistry Staff.

**Others:** Scientific Calculator (with log function), safety goggles, lab notebook (Student Lab Notebook with Spiral Binding).

### **Prerequisites:**

Recent **high school chemistry** or completion of **CHE100** with a grade of **C or higher**. Completion of **MAT 098**, or equivalent with a grade of **C or higher**.

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### Course Overview

This course covers the following topics.

Unit	Chapter	Topic
1	2	Atomic Theory and the Periodic Table
	3	Quantum Theory and the Electronic Structure of Atoms
	4	Periodic Trends
<b>Exam I: Chapters 1, 2, 3 and 4 (Chapter 1 will not be covered in class)</b>		
2	5	Bonding, Nomenclature and Moles
	6	Chemical Bonding I: Basic Concepts
	7	Chemical Bonding II: Molecular Geometry (VSEPR, Intermolecular Attractions, Valence Bond Theory, Hybridization)
<b>Exam II: Chapters 5, 6 and 7 (but might include material from exam I)</b>		
3	8	Stoichiometry
	9	Reactions in Aqueous Solutions
	10	Thermochemistry
	11	Gases
<b>Exam III: Chapters 8, 9, 10 and 11 (but might include material from exams I and II)</b>		
4	12	Properties of Solids and Liquids
	13	Physical Properties of Solutions
	14	Thermodynamics
	15	Equilibrium
<b>Exam IV: Chapters 12, 13, 14 and 15 (but might include material from exams I, II and III)</b>		

### Are you ready to take this course?

**Chapter 1:** If you are correctly placed into this course, you have already studied the material covered in Chapter 1 which includes:

- Metric system (Scientific Measurement)
- Classification and properties of matter
- Conversion factors
- Significant figures and measurement

Please review this unit yourself and work on the HW *bonus* assignment (*up 5 bonus points*). When you have refreshed your memory and are ready, you will take the timed online bonus quiz (*up to 10 bonus points*) by **Monday 9/1 at 4:00PM at the Testing Center (L-162)**.

**Math assessment quiz:** chemistry course involved the use of math in order to solve some of the problems. Most problems can be solved with knowledge of basic algebra, while other might require a little more math knowledge. In order to assess if your math knowledge is enough to successfully complete this course, we developed a math assessment quiz.

If you scored below 70%, on any of these two assessments, it is highly recommended that you withdraw from the course and work on your chemistry and/or math skills before attempting this course again. Statistics show that students scored poorly on Quiz 1 and/or on the math assessment typically withdrew from the course in 4 weeks (with no refund!).

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### Attendance

By the end of the first week of classes, the instructor is required to assess student attendance. If a student has not attended to that point **(8/31)**, the student will be dropped with no refund of tuition and fees. After this date, students should not plan on an instructor withdrawal if you want to withdraw from the course. Students are ultimately responsible for your own withdrawal by the withdrawal date. Non-attendance after the census date will result in an F if the student do not withdraw from the class. Students are responsible for all material and announcements they may miss if absent.

Students expected to invest **at least 8-12 hrs/week outside of class**. The time requirement involves reading the chapters covered in class as well as completing all mandatory and suggested assignments. The quizzes and exam are not limited to what it is covered in class, but to the topic indicated on the "Course Learning Outcomes" file. Few people will do well in this class if they do not study and spend the time.

Attendance at all laboratory sessions, including the first week of class, is required. **Failure to attend the first laboratory session will result in students being dropped from the course** unless they attend one of the makeup labs offered in the second week before their second lab period. If you **miss more than two labs, including the first lab, you will fail the course** regardless of your performance in the non-lab portion. There are **NO laboratory make ups**. Leaving the lab before completing all experimental portions of the lab, arriving to the lab after the class already started working on the experimental portion, or coming to lab unprepared (incomplete pre lab or inappropriately dressed) will result in a zero in the lab.

There are no make-up assignments for any activities in this class, outside of exams. If you know in advance that you have a serious conflict (**death in the family, serious illness, etc**), which will cause you to miss an **exam**; be sure to communicate your instructor in advance if it will be possible to complete the work on a different time. Documentation **will be required** to consider any make up request.

### Make-up Policy:

Make up assignments will **ONLY** be offered for hour exams when official documentation is provided to the instructor. Official documentation includes: physician's note, funeral flyer, Parkland's athlete letter, etc. Documentation must be presented to the faculty within 24 hours upon student's return to school, and the exam(s) must be taken within 48 hours upon return.

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### Major Course Assignments

The following assignments are considered “major assignments” of this course. The term “major” is used to identify assignments that contribute more than 1% of the student’s overall grade. However, this course has other assignments that are not listed under this category. For a complete list of assignments, please check on Cobra under checklist.

### Homework

Homework is an important part of this course. It helps student understand the material covered in class and better prepare you for quizzes and exams. You should not leave the homework assignments to the last day before it is due. Instead, try to finish problems to each section of a unit as we progress into the chapter. Ten sets of HW problems will be assigned. Each HW assignment contains approximately 30 problems from the end of the chapter that review the material indicated by the objectives of each chapter. Solutions and well as work shown to answer all problems is required to receive full credit for each HM assignment. HW assignments will be mostly graded by completion but a random sample of questions will be graded by accuracy. To receive full credit for the assignment, the student must complete at least **20 of the problems** assigned. Completion of more than 20 problems assigned will **not** result in extra credit, however it is encouraged to be better prepared for the quiz and exam.

Each HW assignment is worth 10 points. The lowest HW grade will be dropped. All homework assignments **must be turned in to the testing center** before taking the quiz. All assignments must be **handwritten** and all pages must be **stapled** prior turning the assignment into the testing center. It is not a responsibility of the testing center to provide a stapler or staple student’s assignments. All HW and quizzes due dates will be available in Cobra calendar as well as on the checklist.

**Homework assignments must be submitted to the testing center in order to get access to the chapter quiz. No late HW will be accepted. Taking the chapter quiz prior submitting your HW assignment will result on a zero on the homework assignment.**

### Quizzes

10 quizzes will be given. Each quiz will be worth 20 points. The lowest quiz grade will be dropped. Students will be expected to take the quiz within the specified range of dates in the testing center. The start time listed on the course calendar indicates the time the quiz will first be available and the end time listed on the course calendar indicates the final time you can access the quiz. Students can bring their own calculator to the tasting center to use while taking the quizzes. **No student will be allowed to use a phone as a calculator** Students will also have access to a periodic table containing general constants and equations used in class. A copy of the periodic table available at the testing center can be found on Cobra under “Content” → “General Information”.

### Exams

Four exams will be given: three hour-exams and one cumulative final exam. The hour long exams will be given on-campus at the Testing Center (L-161). Refer to Cobra for Testing Center Rules. Students will have access to scientific calculators as well as a periodic table containing general formulas and constant values at the testing center (the periodic table is also available on Cobra, under “content” → “general information”. Student are allowed to bring their own calculators to the testing center to take their exams. **No student will be allowed to use a phone as a calculator.**

#### Testing Center Hours:

9:00 am – 4:00 pm Monday through Thursday

9:00 am – 3:00 pm Fridays

*NOTE: The testing center doors close 15 minutes prior closing time.*

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### *Final Cumulative Exam*

The final cumulative exam covers all material presented in CHE101. For more information about the topics covered in CHE101, please see "CHE101 FA14 learning objectives line-up" on cobra. The exam worth 20% of the course total score. This exam must be taken during **final examination's week** at the **room indicated on page 1**. Each student must bring their own calculator, as well as pencil and/or pen to complete the exam. No calculators will be provided for students during the final exam. **No student will be allowed to use a phone as a calculator.**

### *Special Project*

This class involves a special project, which is due on **Monday, October 19<sup>th</sup>, at 11:59pm**. Late projects will not be accepted and will earn a 0%.

1. Students can choose to make a PowerPoint or Prezi presentation.
  - Students must be able to "share" their PowerPoint or Prezi electronically as a "link" through the corresponding discussion forum on Cobra (you do not need to submit a hard copy of the PowerPoint or Prezi). More information on how to share/submit your special project will be provided on the course Cobra page, under special project.
  - Whether the student creates a PowerPoint or Prezi, the student **must submit a Word file containing all of the content**. This will be submitted to a Drop-box on Cobra to be scanned for plagiarism. All projects must have citations in the text of the content and a Reference/Works Cited page.
2. Student must choose a chemistry-related topic and use at least 1 primary research article (not a review article, a news article, or an advertisement) as a primary source. **Students must use at least 3 sources total.**
3. Students must submit their topic and primary research article to be approved by the instructor by **September 11<sup>th</sup> at 11:59pm**, to the corresponding dropbox on Cobra.
4. Students will have the opportunity to present your project during a Natural Sciences Poster Session on **Wednesday, December 2<sup>nd</sup> from 4-6 PM**. Participation in this event is an extra credit opportunity. If you choose to **present**, you can earn up to **4pts EC**. PowerPoint/Prezi presentations at the session require the students to bring their own laptop. If you chose to **attend**, but not present, you can earn up to **2pts EC**, if you complete 5 evaluation form, 2 of them being from student' speakers. Lastly, you can earn up to **8pts EC** if you **present your project to an audience** (this is a competitive process and requires you to submit an abstract that is chosen among other submissions).

### *Writing assignments*

All written assignments in this class will be subjected to an originality test. Failure to pass the originality test (evidence of plagiarism) will result in a zero in the assignment and a referral of the student and the assignment to the Parkland College Academic Dishonesty committee. To avoid committing plagiarism, please refer to "*Writing Guidelines*" on page 8.

### *Laboratory: Policies and Procedures*

Laboratory Attendance Policy (please see *Attendance Policy- paragraph 3* on page 3 of the syllabus)

1. Read through the experiment in advance. The order in which the laboratory experiment will be completed is posted on (a) Cobra under "Checklist" and on this syllabus (page 7).

*Make sure to verify the lab scheduled by looking at the lab schedule on the syllabus or checklist on cobra.*

**Completing the wrong pre lab will result in a zero on the assignments.**

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2. Prepare the laboratory notebook in advance, this implies including the following information on your **lab notebook**:
  - a. All headings: name, date, title, course and section
  - b. Complete a pre-lab assignment on your notebook, which includes:
    - i. Purpose statement
    - ii. Short introduction to the lab and a short summary of the lab, including all experiments to be covered in the lab session, a brief description on how the experiment will be performed and any safety issues related to the chemicals or equipment to be used.
    - iii. "Tables" for all the data to be collected in the lab.
3. Wear appropriated clothing, as described on the safety contract;
  - a. Goggles must be worn all the time in the laboratory area. Gloves can be used under the student's discretion, unless otherwise indicated by the instructor. Gloves are *NOT* allowed in the laboratory commons.
4. Perform the experiment as instructed by the lab manual or instructor, label all solution prepared or solids transferred from the original container and record all data on your data sheets under observations.
5. While performing the lab, on the laboratory notebook, keep record of all procedure as it was performed in the lab. Make sure to indicate the glassware used, experimental values obtained and any other relevant observation to the lab.
6. When done, clean up your working area and unplug all electrical equipment. Perform a drawer check to make sure all glassware is present and clean in the drawers. Also make sure all common areas are clean.
  - a. Failure to leave all glassware in the drawer clean will result in a 5% deduction in that group's lab report.
  - b. Failure to clean all common areas will result in a 5% deduction on every student lab's report.
7. After completing the experimental portion of the lab, student are allowed to complete the rest of the la in the lab common area.

### Lab Reports

All lab reports **must** be **written in pen** and **must** include the following **parts** in the following **order**:

1. **All pre lab components** (headings, purpose statement, introduction, summary of the lab, data tables, etc).
2. **Laboratory journal.** A complete description of how the lab was accomplished (procedure) as well as all experimental observations such as experimental values and qualitative descriptions.
3. **Data analysis and calculations.** Some labs will require students to analyze their experimental data by graphing their results using excel.
4. **Conclusion.** Each conclusion must include: (a) Short summary of what was accomplished in the lab, including all final results; and (b) Identification of 2-3 procedural sources of error (not human error), and a short description of how they could be minimized.

*Any violations on this list will result in your lab report being returned to you ungraded. You will have 24 hours (or the next week day) to fix any errors and turn into your instructor at which point you will automatically be penalized 1 letter grade (10%).*

### Formal Laboratory Reports

There will be two formal lab throughout the semester. Each student is expected to complete the laboratory as usual. However, the final report must be typed (including all calculations) and must be submitted to the corresponding drop-box on Cobra. **More information about the formal lab reports will be available on Cobra.**

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### Chapter-Topic Schedule

Chapter numbers are based on *Burdge, Chemistry Atoms First, 2<sup>nd</sup> Edition*

Week	Topic	Chapters	Lab
1	Atomic Theory	2	Safety and Introduction to Chemical Foundation
2	Quantum Theory	3	Density Lab
3	Quantum Theory; Periodic Trends	3, 4	Library Visit
4	Periodic Trends; Ionic and Covalent Bonding	4, 5	Visible Spectroscopy Lab
5	Ionic and Covalent Bonding; Chemical Bonding I	5, 6	Exam
<b>Exam I (Atomic Theory, Quantum Theory, Periodic Trends)</b>			
6	Bonding I	6	3D Printing (1 <sup>st</sup> Formal Lab)
7	Bonding II	7	Molecular Geometry Lab
8	Stoichiometry	8	Exam
<b>Exam II (Ionic and Covalent Bonding, Bonding I, Bonding II)</b>			
9	Stoichiometry; Aqueous Reactions	8, 9	Recycling Aluminum Lab
10	Aqueous Reactions; Thermochemistry	9, 10	Titration Lab
11	Thermochemistry; Gases	10, 11	Thermochemistry – Calorimetry
12	Gases; Solids and Liquids	11, 12	Gas Law (2 <sup>nd</sup> formal lab)
13	Solids and liquids; Colligative Properties; Thermodynamics	12, 13, 14	Exam
<b>Exam III (Stoichiometry, Reactions in Aqueous Solutions, Thermochemistry, Gases)</b>			
14	Equilibrium	14, 15	<b>Lecture: Thermodynamics</b>
15	Equilibrium	15	Thermodynamics-Spontaneity Lab
16	TBA	/	Equilibrium Lab
<b>Exam IV (Solids and Liquids, Solutions, Thermodynamics, Equilibrium)</b>			

*Modifications to the syllabus will be notified to the students by the instructors in class and will be posted on Cobra under "news".*

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### Point Distribution for CHE101-006

Category	Assignment	Modules	Drop	Score	Total
First Week Activities <i>(Due by the end of week 2)</i>	First Day Lab	1	0	5	4
	Email with Expectations	1	0	1	1
	Introductions Dropbox	1	0	1	1
	CAS (D120) Sign in	1	0	1	1
	Manny's Office Visit	1	0	1	1
	Math Assessment Quiz	1	0	1	1
	Syllabus Quiz	1	0	1	1
Lecture	Connect Homework	14	2	10	120
	Quizzes	10	1	15	135
	Exams	4	0	85	340
	Final Exam	1	0	200	200
Laboratory	Laboratory Reports	8	1	15	105
	Formal Lab 1	1	0	20	20
	Formal Lab 2	1	0	40	40
Special Project	Title	1	0	2	2
	Evaluations (3)	3	0	1	3
	Special Project	1	0	25	25
Extra Credit (Students can earn a maximum on 20 points)	WOS (Planetarium Shows), Science Club Talks*	0	0	4	0
	Poster Session Participation (Visitor = 2, Poster = 4, Speaker = 8)	0	0	Variable	0
<b>Total</b>					<b>1000</b>

\* Requires the submission of a 1 page reflection/summary paper. *See Cobra for more information.*

### Letter Grade Scale (total point scale)

Less than 600.0	600.0 - 699.9	700.0 - 799.9	800.0 - 899.9	900.0 - 1000.0
<b>F</b>	<b>D</b>	<b>C</b>	<b>B</b>	<b>A</b>

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### Laboratory Report Rubric

Category	Lab Report Component	Points
Pre Lab	Headings	0.25
	Purpose Statement	0.5
	Introduction	0.75
	Procedure Summary and data tables	1.5
Experiment	Lab Journal	6
	Calculations-Data Analysis	4
Conclusion	Conclusion	2
<b>Total Points</b>		<b>15</b>

### Writing Guidelines (By Catherine Britt Carlson)

Students must follow these guidelines when completing writing assignments in CHE102.

- A primary research journal article can be found in a peer-reviewed scientific journal. Expect to spend time on this. These research articles are not easy to read. I can also help you if you are having problems understanding your article.
- Both <http://www.chemistrycentral.com/> and <http://www.biomedcentral.com/> are open access databases for journal articles. Also, the Library has resources available, which will be discussed during a lab session. If you have trouble finding articles or if you would like confirmation that the article you found is appropriate, you can come talk to me.
- Plagiarism of any form will NOT be tolerated and will result in a grade of zero. Please refer to [www.plagiarism.org](http://www.plagiarism.org), the library, and the CAS Writing Lab for help. These sources are highly recommended. Many students have received 0% because they did not fully understand what plagiarism is and unintentionally plagiarized.
- You must include a references/works cited page and you must include references within the body of your paper.
- Within the body of the paper, you need parenthetical references, even if the material is paraphrased and not a direct quote (scientific paper style, not newspaper style). Use the MLA standards for in-text citations and the Works Cited, which can be located at the following website: [http://owl.english.purdue.edu/handouts/research/r\\_mla.html](http://owl.english.purdue.edu/handouts/research/r_mla.html). Papers that do not include appropriate references pages, use of quotation marks, and in-text parenthetical citations (as appropriate) will result in a grade of zero.
- Notes on some of the most common errors: Word-for-word sections must be in quotes with in-text citations; Paraphrased content must have in-text citations; Don't rely too much on direct quotations – paraphrasing lets me know that you know the information. Use your own sentence structure to avoid mosaic plagiarism.

### A Few Selected Examples from Papers:

**Good:** Lowenstein explains, “calcium is essential to our body’s ability to function and our ability to think. The cardiovascular system and the nervous system both utilize calcium, and it’s also vital for blood clotting” (Lowenstein). Calcium is so crucial to the body, that without it, my cognitive-thought processing could possibly become impaired, and I wouldn’t even be able to write this paper. In fact, deprivation of proper calcium-intake can also result in hypocalcemia, tingling fingertips, muscle cramps, or osteoporosis (Timberlake, 126). [Here, the student uses a word-for-word section and has it in quotes with an in-text citation. After that, she uses a paraphrased section with the in-text citation only].

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**Wrong:** Polycystic kidney disease is an inherited disorder in which multiple cysts develop that are noncancerous, and these cysts grow predominantly in a person's kidneys ("Polycystic Kidney Disease"). [Here, the underlined section was taken word-for-word from the source, and has an in-text citation, but quotes are missing. This is plagiarism. The underlined section should be in quotes].

**Wrong:** Naproxen is an aromatic compound containing two benzenes, a carboxylic acid, a hydrocarbon/methyl group, and somewhat of an ether group. The two benzenes are the 6-carbon rings bonded to each other, each carbon in the rings have a hydrogen atom attached to it. The carboxylic acid is on the right benzene containing COOH bonded to a CH. There is a methyl group, or hydrocarbon, bonded to the carbon in the carboxylic acid. On the left benzene ring, there is somewhat of an ether bonded to a carbon, the ether contains CH<sub>3</sub>O. Naproxen has a melting point of 153 degrees Celsius. It is insoluble in water and has a pH lower than 4. [This is paraphrased, and some of it is based on the student's knowledge gained from class, but it is either based on outside information or is not her original thoughts. The textbook should be referenced in an in-text citation for the functional groups and the last sentence should refer to an outside source. This is plagiarism].

### **Mosaic Plagiarism:**

The source says: "Adenoviruses force quiescent cells to re-enter the cell cycle to replicate their DNA, and for the most part, this is accomplished after they express the E1A protein immediately after infection."

**Wrong:** Adenoviruses make sleeping cells restart the cell cycle to make new copies of their genetic material. This is done by making the protein E1A right away following infection (Dazard et al. 2011). [Here the student has just popped in some synonyms, but has used the source's sentence structure. This is mosaic plagiarism -- a mix of original and source writing. When you paraphrase, you need to use your own words and structure].

**Good:** In order to increase the number of adenoviruses made by an infected cell, the adenovirus produces a protein called E1A (Dazard et al. 2011). This protein induces the host cells to enter into the cell cycle and start cell division (Dazard et al. 2011). This drives the cells to replicate the viral DNA, thus increasing the copies of viruses that can be made (Dazard et al. 2011).

For all of these, there should be a Works Cited (references in MLA format).

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### Tentative Schedule Chemistry 102 - Fall 2015 - Burdge, Atoms First 2nd Edition

Week	Dates	Monday	Tuesday	Wednesday	Thursday	Friday
1	8/24 – 8/28		Safety and Introduction	Lecture: Ch. 2	Lecture: Ch. 2	Lecture: Ch. 2/Quiz Ch.1
2	8/31 – 9/4	HW. Ch 1/Quiz Ch1 Due (Bonus)	Density Lab	Lecture: Ch. 3	Lecture: Ch. 3	Lecture: Ch. 3/Quiz Ch.2
3	9/7 – 9/11	HW. Ch.2/Quiz Ch.2 Due (9/8)	Library Visit/ <i>Special Project Topic Due</i>	Lecture: Ch. 3	Lecture: Ch. 3/Quiz Ch.3	Lecture: Ch. 4
4	9/14 – 9/18	HW. Ch.3/Quiz Ch.3 Due	Visible Light Spectroscopy Lab	Lecture: Ch. 4	Lecture: Ch. 4	Lecture: Ch. 5
5	9/21 – 9/25	HW. Ch.4 Due	<b>Exam I</b>	Lecture: Ch. 5	Lecture: Ch. 5	Lecture: Ch. 6/Quiz Ch.5
6	9/28 – 10/2	HW. Ch.5/Quiz Ch.5 Due	3D Printing Lab (1st formal lab)	Lecture: Ch. 6	Lecture: Ch. 6	Lecture: Ch. 6/Quiz Ch.6
7	10/5 – 10/9	HW. Ch.6/Quiz Ch.6 Due	Molecular Geometry Lab	Lecture: Ch. 7	Lecture: Ch. 7	Lecture: Ch. 7
8	10/12 – 10/16	HW. Ch.7 Due	<b>Exam II</b>	Lecture: Ch. 8	Lecture: Ch. 8	Lecture: Ch. 8
9	10/19 – 10/23	<i>Special Project Due</i>	Recycling Aluminum Lab	Lecture: Ch. 8	Lecture: Ch. 8/Quiz Ch.8	Lecture: Ch. 9
10	10/26 – 10/30	HW. Ch.8/Quiz Ch.8 Due	Titration Lab	Lecture: Ch. 9	Lecture: Ch. 9	Lecture: Ch. 10/Quiz Ch.9
11	11/2 – 11/6	HW. Ch.9/Quiz Ch.9 Due	Thermochemistry - Calorimetry	Lecture: Ch. 10	Lecture: Ch. 10	Lecture: Ch. 11/Quiz Ch.10
12	11/9 – 11/13	HW. Ch.10/Quiz Ch.10 Due	Gas Law (2nd formal lab)	Lecture: Ch. 11	Lecture: Ch. 11	Lecture: Ch. 12
13	11/16 – 11/20	HW. Ch.11 Due	<b>Exam III</b>	Lecture: Ch. 12	Lecture: Ch. 12/13	Lecture: Ch. 14
14	11/23 – 11/27	HW. Ch.12/Quiz Ch.12 Due	Lecture: Ch.14 Thermodynamics	Lecture: Ch. 15	<b>Thanksgiving</b>	
15	11/30 – 12/4	HW. Ch.14/Quiz Ch.14 Due	Thermodynamics-Spontaneity Lab	Lecture: Ch. 15	Lecture: Ch. 15	Lecture: Ch. 15
16	12/7 – 12/11	HW. Ch.15/Quiz Ch.15 Due	Equilibrium Lab	<b>Exam IV</b>	<b>Exam IV</b>	<b>Study Day</b>

#### Important Dates

**August 30<sup>th</sup>:** Last day for students to withdraw the class and get full tuition back without a record.

**August 31<sup>st</sup>:** If a student has NOT attended up to this point, then they will be dropped from this class with no refund of tuition and fees.

**December 4<sup>th</sup>:** Last day for students to withdraw from this class is before 5:00 P.M with a "W".

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### Parkland Resources

#### *Academic Honesty*

It is the student's responsibility to read and understand the Academic Honesty section of the Parkland College Student Policies and Procedures Manual. A portion of this section reads, "Depending upon the nature of the case, [the resolution of the incident] could carry the penalty of a failing grade for that assignment or for the course." See <http://www2.parkland.edu/studentpolicy/honesty.html>

#### *Center for Academic Success*

If you find yourself needing assistance of any kind to complete assignments, stay on top of readings, study for tests, or just to stay in school, please contact the Center for Academic Success in D120 at 353-2005 or 351-2441. You may also email the CAS at [CenterForAcademicSuccess@parkland.edu](mailto:CenterForAcademicSuccess@parkland.edu).

#### *Writing Lab*

The Writing Lab is a free service in which English instructors will review your writing projects, offer feedback, and answer your questions. The Writing Lab is located in the Center for Academic Success in Room D120. Go to the Writing Lab website <http://www.parkland.edu/cas/writing-lab.html> for more details.

#### *Speech Lab*

**The Parkland Speech Lab** is a place to get assistance with putting together and practicing your individual or group presentation, to improve delivery skills, or to cope with speaking anxiety. It is available on a drop in basis.

For more information contact: Jody Littleton [jlittleton@parkland.edu](mailto:jlittleton@parkland.edu), 351-2532. Changes in the schedule will be posted on <http://faa.parkland.edu/speech/lab.html>

#### *Students with Disabilities*

If you believe you have a disability for which you may need an academic accommodation (e.g. an alternate testing environment, use of assistive technology or other classroom assistance), please contact: Cathy Robinson, Room U-260, 217-353-2082, [crobinson@parkland.edu](mailto:crobinson@parkland.edu)

#### *Mass Notification System*

In the event of a significant campus emergency, Parkland College will activate the mass notification system. We encourage you to sign up for this free service and select how you would like to be notified: text message, audio message, or email message. Sign up at <http://www.parkland.edu/police/emergency-alert.aspx>

#### *Cell Phone Policy*

Cell phones should be set to vibrate mode during all class periods. Cell phones should not be used in lieu of a watch, stop watch, calculator, and/or reference guide.

#### *Core Values*

We believe strongly in the Core Values espoused by Parkland College: **Honesty and Integrity, Fairness and Just Treatment, Responsibility, Multiculturalism, Education and Public Trust**

Essentially, these values set guidelines for how we should treat you and how you should treat each other (and us). Failure to be respectful of one another or to maintain ethical behavior will not be tolerated.