

# Chemistry 103 – General Chemistry I

## Course Syllabus and Schedule

### Fall 2017

**Lecture: Section 004** (Class #1211 – Room P007)  
Tuesday and Thursday (6:00 pm – 7:15 pm)

Lab Sections	Class Number	Meeting Day	Meeting Time	Lab Room	Instructor
341	1208	Monday	6:00 pm – 8:50 pm	P469	Rohde
342	1209	Monday	6:00 pm – 8:50 pm	P475	
343	1210	Wednesday	6:00 pm – 8:50 pm	P469	
344	2924	Wednesday	6:00 pm – 8:50 pm	P475	
345	3148	Tuesday	12:00 – 2:50 pm	P475	↓

**Instructor:** Mr. Chris Rohde (rohderc@uwec.edu)  
Office: P452 Phone: 715-836-5736 [**Note: Best to contact me via email rather than by phone.**]  
Office Hours: One hour before each Lecture and Lab or “By Appointment”

**Required Materials:** Text (Chemistry & Chemical Reactivity by Kotz)  
Lab Manual (Provided during first lab meeting.)  
Scientific Calculator (Does not need to be a graphing calculator)

**Attendance Policy:** Attendance at lecture meetings will be monitored and students with excessive absences will be referred to the Dean of Students. Although students will not be evaluated based on attendance at lecture, attendance will be recorded. Students are individually responsible for the material and announcements made in lecture. **Attendance is mandatory at all laboratory meetings.** Students missing required work (exams, problem sets, lab work) because of excused absence (proper documentation required) must make arrangements with the instructor.

**Individual Concerns and Support:** All students are encouraged to contact the instructor about any individual needs and social group identities that may be relevant to the quality of their class experience. Such individual needs may relate to English language proficiency, parental or other caregiving responsibilities, disabilities, cultural and/or gender identities, veteran status, immigration status, mental health needs, or other factors. As your instructor, I am committed to helping all students connect with campus support and to maintaining a supportive class environment for all.

#### Helpful Study Hints:

- DON'T GET BEHIND! GET/STAY ORGANIZED!
- Do all problem sets/assignments, whether they are turned in or not.
- Additional problems from the end of each Chapter may be very useful.
- Read all assigned/recommended Chapter material.
- If you need help – get it! (Instructor, SAA, Department Tutoring, Academic Skills Center)
- Chemistry Department Tutoring: Room P426, M-Th (9:00 – 12:00, 1:00 – 4:00)
- Use of three-ring binders? (Materials from instructor will be three-hole punched)
- Buy some printer paper!
- Have a positive attitude!
- Remember to check your email!

## Tentative Points:

Hour Exams (3 ea. @ 100 points)	300
Hour Exam #4 (Final)	150
Problem Set “Checks” (8 ea. @ 10 points)	80
Lab Report Sheets (Usually 10 points each)	120
Spectrophotometry/Practical Exam	30
<hr/> Total	680

## Grading Scale:

93% – 100%	A	73% – 77%	C
90% – 93%	A–	70% – 73%	C–
87% – 90%	B+	67% – 70%	D+
83% – 87%	B	63% – 67%	D
80% – 83%	B–	60% – 63%	D–
77% – 80%	C+	0% – 60%	F

Note: I follow a traditional policy of no “round-ups”. (*“The grade you earn is the grade you get.”*)

## Academic Integrity:

Any academic misconduct in this course is a serious offense and the strongest possible academic penalties for such behavior will be pursued. The disciplinary procedures and penalties for academic misconduct are described on the UW-Eau Claire Dean of Students website:

(<http://www.uwec.edu/DOS/policies/academic/index.htm>)

## D2L (“Desire2Learn”):

You can check your grades and monitor your progress on the D2L website. For additional help accessing your grade in this course, contact the instructor. Report any discrepancies or concerns related to your grade as soon as you become aware of a problem.

## Civility within a Learning Community:

As members of this class, we are members of a larger learning community where excellence is achieved through civility. Our actions affect everyone in our community. Courtesy is reciprocated and extends beyond our local setting, whether in future jobs, classes, or communities. Civility is not learned individually; it is practiced as a community.

**Some Important Dates:** (See: <http://www.uwec.edu/Registrar/calendar/Academic-Calendar.htm>)

**September 19<sup>th</sup>** – Last day to drop full-semester classes with no record. It is also the last day to register for or add full-semester courses without the Dean’s approval.

**November 1<sup>st</sup> to December 5<sup>th</sup>** – Fall undergraduate registration begins.

**November 14<sup>th</sup>** – Last day to withdraw from UWEC with “W”s, and last day to withdraw from individual full-semester classes.

## Tentative Course Schedule/Outline (Fall 2017)

**[NOTE: Tuesday Lab Section follows same sequence as the Monday sections.]**

### September

Monday (Lab)	Tuesday (Lecture)	Wednesday (Lab)	Thursday (Lecture)
<b>4</b>  <b>Labor Day</b>	<b>5</b>  <b>(NO CLASS)</b>	<b>6</b>  Safety Briefing <b>Density</b>	<b>7</b> (Lecture #1)  Course Intro & Logistics Begin Chapters 1 & 2A
<b>11</b>  Safety Briefing <b>Density</b>	<b>12</b> (Lecture #2) Continue Chapters 1 & 2A (and 25A)	<b>13</b>  <b>Gases: Micro</b>	<b>14</b> (Lecture #3) Continue Chapters 1 & 2A (and 25A)
<b>18</b>  <b>Gases: Micro</b>	<b>19</b> (Lecture #4) End Chapters 1 & 2A Begin Chapter 2B	<b>20</b>  <b>Gases: Macro</b>	<b>21</b> (Lecture #5)  Continue Chapter 2B
<b>25</b>  <b>Gases: Macro</b>	<b>26</b> (Lecture #6) End Chapter 2B Begin Chapters 3 & 4	<b>27</b>  <b>Ions</b>	<b>28</b>  <b>HOURLY EXAM #1</b> (Chapters 1, 2A, 2B, & 25A)

### October

Monday (Lab)	Tuesday (Lecture)	Wednesday (Lab)	Thursday (Lecture)
<b>2</b>  <b>Ions</b>	<b>3</b> (Lecture #7) Continue Chapters 3 & 4	<b>4</b>  <b>Precipitation</b>	<b>5</b> (Lecture #8) Continue Chapters 3 & 4
<b>9</b>  <b>Precipitation</b>	<b>10</b> (Lecture #9) Continue Chapters 3 & 4	<b>11</b>  <b>Reactions</b>	<b>12</b> (Lecture #10) Continue Chapters 3 & 4
<b>16</b>  <b>Reactions</b>	<b>17</b> (Lecture #11) Continue Chapters 3 & 4	<b>18</b>  <b>Acids/Bases</b>	<b>19</b> (Lecture #12) Continue Chapters 3 & 4
<b>23</b>  <b>Acids/Bases</b>	<b>24</b> (Lecture #13) End Chapters 3 & 4 Begin Chapter 5	<b>25</b>  <b>Thermochemistry</b>	<b>26</b>  <b>HOURLY EXAM #2</b> (Chapters 3, 4)
<b>30</b>  <b>Thermochemistry</b>	<b>31</b> (Lecture #14) End Chapter 5 Begin Chapters 6 & 7	<b>Nov 1</b>  <b>Carbonate Chemistry</b>	<b>Nov 2</b> (Lecture #15) Continue Chapters 6 & 7

## November

Monday (Lab)	Tuesday (Lecture)	Wednesday (Lab)	Thursday (Lecture)
<b>6</b> <b>Carbonate Chemistry</b>	<b>7</b> (Lecture #16) Continue Chapters 6 & 7	<b>8</b> <b>Stoichiometry</b>	<b>9</b> (Lecture #17) Continue Chapters 6 & 7
<b>13</b> <b>Stoichiometry</b>	<b>14</b> (Lecture #18) Continue Chapters 6 & 7	<b>15</b> <b>Periodicity</b>	<b>16</b> (Lecture #19) Continue Chapters 6 & 7
<b>20</b> <b>Periodicity</b>	<b>21</b> <b>(NO CLASS)</b>	<b>22</b> <b>(NO LAB MEETING)</b>	<b>23</b> <b>THANKSGIVING RECESS</b>
<b>27</b> <b>Spectrophotometry</b>	<b>28</b> <b>HOUR EXAM #3</b> (Chapters 5, 6 & 7)	<b>29</b> <b>Spectrophotometry</b>	<b>30</b> (Lecture #20) Chapters 8 and 9

## December

Monday (Lab)	Tuesday (Lecture)	Wednesday (Lab)	Thursday (Lecture)
<b>4</b> <b>Spectrophotometry</b> (Continued)	<b>5</b> (Lecture #21) Continue Chapters 8 & 9	<b>6</b> <b>Spectrophotometry</b> (Continued)	<b>7</b> (Lecture #22) Continue Chapters 8 & 9
<b>11</b> <b>VESPR “Workshop”</b>	<b>12</b> (Lecture #23) Continue Chapters 8 & 9	<b>13</b> <b>VESPR “Workshop”</b>	<b>14</b> (Lecture #24) End Chapters 8 & 9 (Selections from ?)
↓ <b>Final Examinations Week</b> ↓			
<b>18</b>	<b>19</b> <b>HOUR EXAM #4</b> (Chapters 8, 9, & ?) <b>7:00 – 8:50</b>	<b>20</b>	<b>21</b>