

Course Title/Number	<b>Principles of Chemistry I / CHM 211, Sections 102</b>
Semester/Year	Fall 2018
Days/Time	MWF 10:00 – 10:50
Location	473 Science Hall
Instructor	Dr. Scott Day
Office	479 Science Hall
Phone	304-696-7054
E-Mail	day17@marshall.edu
Office/Hours	MWF 12:00 – 2:00, on W from 1:00-2:00 I'll be in S-460 Drop-in visits are welcome
University Policies	By enrolling in this course, you agree to the University Policies listed below. Please read the full text of each policy by going to <a href="http://www.marshall.edu/academic-affairs">www.marshall.edu/academic-affairs</a> and clicking on "Marshall University Policies." Or, you can access the policies directly by going to <a href="http://www.marshall.edu/academic-affairs/?page_id=802">http://www.marshall.edu/academic-affairs/?page_id=802</a>  Academic Dishonesty/ Excused Absence Policy for Undergraduates/ Computing Services Acceptable Use/ Inclement Weather/ Dead Week/ Students with Disabilities/ Academic Forgiveness/ Academic Probation and Suspension/ Academic Rights and Responsibilities of Students/ Affirmative Action/ Sexual Harassment

#### **Course Description:**

A study of the properties of materials and their interactions with each other. Development of theories and applications of the principles of energetics, dynamics and structure. Intended primarily for science majors and pre-professional students.

#### **Course Outcomes:**

<b>Course Student Learning Outcomes</b>	<b>How students will practice each outcome in this Course</b>	<b>How student achievement of each outcome will be assessed in this Course</b>
Students will identify and explain trends in physical and chemical properties.	-lectures -textbook readings -Sapling exercises	-exams -Sapling exercises
Students will learn vocabulary, how to classify and name chemical materials and how to develop familiarity with general chemical trends and principles	-lectures -textbook readings -Sapling exercises	-exams -Sapling exercises
Students will learn how to apply general chemical knowledge to solve basic chemistry problems and to implement these logical strategies to solve complex, multistep problems	-lectures -textbook readings -Sapling exercises	-exams -Sapling exercises
Students will apply mathematical techniques to formulate and solve problems in chemistry.	-lectures -textbook readings -Sapling exercises	-exams -Sapling exercises

### Required Texts, Additional Reading, and Other Materials:

1. **Chemistry** - OpenStax ISBN: 9781938168390
2. Sapling Learning for General Chemistry access
3. Access to MU Online and a Marshall email account
4. Non-programmable calculator

## Course Policies

### Grading Policy

The grade for this class will be determined from homework, five in-class exams and a cumulative, final exam. The homework portion of the grade will be determined from Sapling Learning exercises. The material for the exams will come from lectures, Sapling problems and the reading assignments. In-class exams may cover material from previous exams.

Sapling exercises	100 points
In-class exams (150 each)	750 points
<u>Final exam</u>	<u>150 points</u>
	1000 total

Grading Scale: A 900-1000 B 800-899 C 700-799 D 600-699 F < 600

### Attendance Policy

Attendance for this class is not mandatory. By that, no portion of your grade will be determined by attendance. Absences from exams can only be made-up if the absence falls within one of the categories outlined in the undergraduate catalog for excused absences. To make-up an exam, you will need to follow the process for securing an excused absence. Excused absences must be obtained as soon as possible.

### Other Policies

1. Cell phones cannot be used, or out, during exams.
2. Sharing calculators during exams is prohibited.
3. During exams, all materials necessary will be provided to you except a pencil and calculator. You may NOT use your own paper, etc.
4. Please turn off cell phones during class, failure to do so may result in dismissal from lecture.
5. Class announcements may be made via email to your university email address and it is your responsibility to check that account on a regular basis.

## Course Schedule

Week	Chapter	Notes	Reading
August 20	1		Chapter 1
August 27	2		Chapter 2
September 3	3	<b>Exam 1 (chs 1-2) Friday</b>	Chapter 3
September 10	3		Chapter 3
September 17	4		Chapter 4
September 24	5	<b>Exam 2 (chs 3-4) Friday</b>	Chapters 4/5
October 1	5		Chapter 5
October 8	6		Chapters 5/6
October 15	6	<b>Exam 3 (ch. 5) Monday</b>	Chapter 6
October 22	7		Chapter 7
October 29	7		Chapter 7
November 5	8	<b>Exam 4 (chs 6-7) Wednesday</b>	Chapter 8
November 12	8		Chapters 8/9
November 19		<i>Thanksgiving Break</i>	
November 26	9	<b>Exam 5 (chs 8-9) Friday</b>	Chapter 9
December 3	9	Make-up exams 12/7	Chapter 9
December 8		Final exam at 10:00	

*\*Exam dates are approximate and subject to change*

### Sapling Learning Enrollment Instructions

- Go to [www.saplinglearning.com/login](https://www.saplinglearning.com/login) to log in or create an account.
- Under Enroll in a new course, you should see Courses at Marshall University. Click to expand this list and see courses arranged by subject. Click on a subject to see the terms that courses are available.
- Click on the term to expand the menu further (note that Semester 1 refers to the first course in a sequence and not necessarily the first term of the school year).
- Once the menus are fully expanded, you'll see a link to a specific course. If this is indeed the course you'd like to register for, click the link.
- You will be prompted to enter a key code. Enter "102".
- Review the [system requirements](#) and confirm that Flash is updated and enabled in your browser.
- **Need Help?** Our technical support team can be reached by phone, chat, or by email via the Student Support Community. To contact support please open a service request by filling out the webform:  
<https://macmillan.force.com/macmillanlearning/s/contactsupport>.