

Course Requirements:

3 Exams (20% each)	60%
Quiz Average (with 1 lowest grade dropped)	10%
On-Line Homework Assignments	15%
Work related to the group presentations	15%

Absolute Grading Scale:

A	93-100	B-	80-82	D+	67-69
A-	90-92	C+	77-79	D	63-66
B+	87-89	C	73-76	D-	60-62
B	83-86	C-	70-72	F	0-59

Note: Student grades will not be curved

Exams: Three exams will be given during the semester. No exams will be given during final exam week. Exams will be taken in the classroom and will be closed-book and with no notes. Please remember to bring your calculators to exams and quizzes.

Make-up Exams: Attendance for quizzes and exams are mandatory. If you know you are going to miss a quiz or exam due to (i) matters relating to death of an immediate family member, or (ii) observance of religious holidays or (iii) participation in events or activities sponsored by the college, please notify the instructor as soon as possible; you will be allowed to take the quiz or exam early. If you need to miss an exam or quiz because you have become seriously ill or injured or you experience an emergency, you should notify the office of the Dean of Students (x6391) of your situation as soon as possible and ask them to notify the instructor of your circumstances. Your instructor will then work with the Dean's office to discover the best course of action for your personal circumstances.

Quizzes: There will be a short (15 min) quiz given in class on a significant number of Thursdays. The quizzes are intended to give you a regular check on your comprehension of the material rather than to cause stress, so the lowest quiz score will automatically be dropped.

Attendance in Class: Attendance is highly recommended, but not required, for all scheduled class times.

Attendance in weekly evening workshops: It is highly advisable that some of your out-of-class study time be spent attending workshops facilitated by our course LA, so a one hour evening workshop will be provided each week. Please remember to sign in to the workshop for Science Learning Center records.

Homework Assignments: Homework problems will be assigned predominantly through Connect, and problems will be due on many Thursdays prior to the start of our class. You will be given an unlimited number of attempts in Connect to answer each homework question correctly. You are strongly encouraged to work on your homework assignments in the Science Learning Center (SLC) in Campbell G-25, and to work on problems with your classmates. However, to comply with the honor code, you should only submit work that reflects your personal understanding.

Workload Statement: This is a 3-credit class that meets "3 hours" per week. To succeed in this course, you should also expect to study 5-6 hours per week outside of class (this does not include the hours you spend on the associated CHE220L lab course).

Appointments: Appointments may be made with Professor Winget and the Learning Assistants by email.

Academic Honesty: The Agnes Scott College honor code embodies an ideal of character, conduct, and citizenship, and is an important part of the College's mission and core identity. This applies especially to academic honesty and integrity. Passing off someone else's work as your own represents intellectual fraud and theft, and violates the core values of our academic community. To be honorable, you should understand not only what counts as academic dishonesty, but also how to avoid engaging in these practices. Please note that in this course you are sometimes encouraged to work with others, but the work completed is your own. In particular, the copying of another student's homework assignment answers (or copying from any other source, for that matter) is an Honor Code violation. The examinations and quizzes are not proctored, although the faculty member will often be close by during an exam to answer any questions. You are expected not to seek aid from anyone (or anything) during these examinations and should not give aid to anyone else taking a quiz or examination. Please pledge ALL your quizzes and exams with "I pledge that I have neither given nor received any unauthorized aid on this assignment. (signed) _____"

Course Evaluation: Near the end of the semester you will be notified by email, and provided with a link to follow, to complete course evaluations online outside of class. You are expected to complete the them as your feedback is extremely valuable to your instructor, the department, and the administration. Of particular importance are constructive comments that help the instructor improve the course.

Accommodations: Agnes Scott College seeks to provide equal access to its programs, services and activities for people with disabilities. If you will need accommodations in this class, please contact Kelly Deasy in the Office of Academic Advising (X6150) to make or complete the registration process. Once registered, please contact your instructor by email in order to make an appointment to discuss the specific accommodations needed for this course.

Inclusion: This course adheres to the principles of diversity and inclusion integral to the Agnes Scott community. We respect people from all backgrounds and recognize the differences among our students, including racial and ethnic identities, religious practices, and gender expressions. We strive for our campus to be a safe space in which all students feel acknowledged and supported. We request and invite your thoughtful and constructive feedback on ways that we can, as a community of learners, respectfully assist and challenge one another in our individual and collective work.

Title IX: For the safety of the entire community, any incidence of, or information about, sexual misconduct must be reported immediately to Title IX Coordinator Marti Fessenden (mfessenden@agnesscott.edu, [404-471-6547](tel:404-471-6547)), Deputy Title IX Coordinator Karen Gilbert (kgilbert@agnesscott.edu, [404-471-6435](tel:404-471-6435)), or Vice President for Student Life and Dean of Students Karen Goff (kgoff@agnesscott.edu, [404-471-6449](tel:404-471-6449)).

This course adheres to the principles of diversity and inclusion integral to the Agnes Scott community. We respect people from all backgrounds and affirm people's decisions about gender expression and identity. Please feel free to correct Dr. Winget if your preferred name or gender pronoun are different from that listed on the class roster.

Fall Semester 2017 – Tentative CHE220 Schedule

	DATE	Topic	Relevant Chapter	Due at 10am	Quiz Schedule	Lab Schedule
1	TH-Aug 24	Welcome. Calorimetry	10.4, 10.6			No 220 labs this week
2	T-Aug 29	Properties of Gases.	11.1-11.2, 11.4			Lab 1 – thermodynamics
3	TH-Aug 31	PV = nRT. Gas mixtures. Gaseous reactions.	11.5, 11.7-11.8			
4	T-Sept 5	Solutions and Solubility	13.1-13.5			No 220 Labs this week
5	TH-Sept 7	Colligative Properties	13.5-13.6	A1	Q1 (on classes 1-4)	
6	T-Sept 12	Spontaneity and Entropy.	14.1, 14.3-14.5			Lab 2 – Gas Laws
7	TH-Sept 14	Equilibrium Constants and Equilibrium Expressions.	15.1-15.3	A2	Q2 (on classes 5-6)	
8	T-Sept 19	Gibbs and Le Chatelier	15.4, 15.6			No 220 labs this week
--	TH-Sept 21	Exam 1 (on classes 1-6)				
9	T-Sept 26	Equilibrium Calculations. Acids and Bases.	15.5, 16.1-16.4			Lab 3 – Equilibrium
10	TH-Sept 28	Strong vs Weak Acids. Periodic Trends in the Main Group Elements	16.5-16.6, 8.5	A3	Q3 (on classes 7-9)	
11	T-Oct 3	Brief recap of Precipitation Reactions. Oxidation-Reduction Reactions	9.4			Lab 4 – nine solutions (no report due)
12	TH-Oct 5	Oxidation-Reductions Reactions contd.	9.4	A4	Q4 (on classes 10-11)	
13	T-Oct 10	Balancing Oxidation-Reduction Reactions	18.1	.pdf files of two articles for group presentations		No 220 Labs this week
--	TH-Oct 12	FALL BREAK – NO CLASSES				

14	T-Oct 17	Galvanic Cells and Reduction Potential	18.2-18.4			Lab 5 – Activity Series
15	TH-Oct 19	Batteries. Lewis Acids and Bases.	18.6, 16.12	A5	Q5 (on classes 12-14)	
16	T-Oct 24	Coordination Compounds	22.1-22.2			Lab 6 – Electrochemistry
--	TH-Oct 26	Exam 2 (on classes 7-14)				
17	T-Oct 31	Quick recap of Kinetics. Reactions Rates and Rate Laws	19.4-19.5			Lab 7 –Nickel complexes part 1
18	TH-Nov 2	Arrhenius Equation. Reaction Mechanisms. Catalysis.	19.6-19.8	Individual 1-page summaries		
19	T-Nov 7	Work on numerical kinetics problems in BSC 304W as a class				Lab 8 – kinetics part 1
20	TH-Nov 9	Nuclear Reactions	20.1	A6	Q6 (on classes 15-19)	
21	T-Nov 14	Radioactivity, Fission, Fusion, Etc.	20.3-20.7			Lab 7 contd – Nickel compounds part 2
--	TH-Nov 16	Exam 3 (on classes 15-21)				
--	T-Nov 21	Work on Group Presentations during class time				No 220 Labs this week
	TH-Nov 23	THANKSGIVING BREAK – NO CLASSES				
--	T-Nov 28	Group Presentations				Lab 8 contd – Kinetics part 2
--	TH-Nov 30	Group Presentations				