*made up unless you arrange a time with me to take the exam **prior** to the scheduled exam **and** you have a valid excuse*. *You may be asked to document your excuse.* In the event of an unforeseen emergency, contact me as soon as possible.

Final Exam: The final exam will be held during finals week on Monday, December 7, 3:15 PM – 5:15 PM. The final exam will be cumulative: 50% from the final section of class and 50% from the previous sections.

Quizzes: There will be a take-home quiz after completing each chapter (quiz dates on the calendar are tentative and subject to change based on the pace of the class). Quiz questions will resemble exam questions and will prepare you for the type of questions that will be on the exam, as well as give you a way to assess your strengths and weaknesses from that chapter. There are no make-up quizzes and quizzes **may not** be turned in late. Questions from the quizzes often appear on exams. Quizzes are designed to enha71 361.63 543.46 Tm0 g0 G[Que)6(sti)-4(ons fr)5(om)-11(the q

Final Project: Students will prepare a final project throughout the semester and present the project to the rest of the class in the last weeks of the semester. The final project is intended to give you the opportunity to explain a core chemistry concept to the class (e.g. covalent bonding, atomic structure, states of matter, pH, nuclear chemistry etc.). A full list of available topics for you to choose from will be given well in advance to allow for proper preparation time. Your project core concept and "plan" must be cleared by me in advance. These projects are intended to spur your creativity. Innovative approaches and media are encouraged, such as Claymation, music videos, textiles, woodworking, ceramics, etc. Your final project will be presented in class and posted on our website. Your project should convey your core concept clearly to your classmates. No project may use and/or hazardous materials and/or methods. (When in doubt, as me first.)

Laboratory: The lab component of this class offers you the opportunity for hands-on investigation and to gain skills in scientific reasoning, experimental design, and use of chemicals and laboratory equipment. The labs

the course." The Department considers performing unauthorized "dry labs" as cheating. Partnering during the lab may be acceptable but lab reports must show your own calculations and ideas.

Amending this Syllabus: The instructor may make changes to this syllabus. Any changes will be clearly communicated via email sent to your **UAF e-mail account and posted on Blackboard.**

Grading:	Quizzes	100 pts
	Article discussion	100 pts
	Laboratory	100 pts
	Exam (2)	200 pts (100 pts each)
	Final	

Tentative Schedule Subject to Change

Quizzes are due at the BEGINNING of the class period.

Day	Date	Chapter	Topic	Lab
M	24-Aug		Syllabus, Intro, Website	NO LAB
W	26-Aug	1	Scientific method, Measurements, conversion factors	
F	28-Aug	1	States of matter, Energy,	
M	31-Aug	1	Density, Specific gravity, heat; **Take-home quiz #1**	Lab Introductions (online)
W	2-Sept	2	**DUE: Take-home quiz**	
F	4-Sept	2	Periodic table	
M	7-Sept	**No Class**	**Labor Day**	Exp. 1 Safety Lab
W	9-Sept	2	configurations; **me quiz #2**	
F	11-Sept	3977	**DUE: Take-home quiz #2**; Octet rule, anions, cations, ionic bonds	
M	14-Sept	3	Covalent bond	Exp. 2 Lab Measurements
W	16-Sept	3	Lewis structures, resonal56.21 133.46g0 G4	