

CHM 2040-0003 Chemistry Fundamentals 1A – Fall 2016									
Instructor:	Dr. Melanie Beazley Office: Physical Sciences Building 205 Email: Melanie.Beazley@ucf.edu								
Class Meetings:	Monday, Wednesday, Friday 9:30 am – 10:20 am in CB2 O101								
Office Hours:	Monday: 10:30 am – 12:30 pm Wednesday: 10:30 am – 12:30 pm Or by appointment								
Course Objective:	To provide a basic understanding of the fundamental concepts of chemistry including units of measurement, classification of matter, atomic structure, atomic theory, the periodic table, chemical bonds, molecules, ions, stoichiometry, chemical reactions, and thermochemistry								
Required Materials:	Textbook: <i>Chemistry: A Molecular Approach (4rd Edition)</i> by Nivaldo J. Tro Scientific calculator: No graphing or programmable calculators will be allowed during exams Pink ScanTron test form with UCF logo for each exam								
Grading Summary:	<table> <tr> <td>5 Exams (100 points each)</td><td>500 points</td></tr> <tr> <td>1 Final Exam (cumulative)</td><td>200 points</td></tr> <tr> <td>5 Quizzes (25 points each)*</td><td><u>100 points</u></td></tr> <tr> <td>Total</td><td>800 points</td></tr> </table> <ul style="list-style-type: none"> • * Five (5) quizzes worth 25 points each will be given during the semester. At the end of the semester, any points earned over 100 will count toward extra credit. All quizzes will be given through Webcourses. • All exams will be cumulative with a computer-graded multiple-choice format. • Your lowest exam grade will be replaced by the percentage grade of your final exam if higher. • No makeup quizzes or exams will be given. • In-class extra credit opportunities will be provided periodically throughout the semester without prior notice. 	5 Exams (100 points each)	500 points	1 Final Exam (cumulative)	200 points	5 Quizzes (25 points each)*	<u>100 points</u>	Total	800 points
5 Exams (100 points each)	500 points								
1 Final Exam (cumulative)	200 points								
5 Quizzes (25 points each)*	<u>100 points</u>								
Total	800 points								

Exams:	<p>For each exam the student should bring:</p> <ul style="list-style-type: none"> • Their student ID • A clean, flat, pink ScanTron test form with the UCF logo • Pen/pencil • Scientific calculator – no graphing or programmable calculators will be allowed during exams. Use of any electronic devices (such as tablets, phones, iPods, laptops) during exams is strictly prohibited. Any use of such devices will be considered cheating and result in a grade of 0 for that exam. 										
Grading Scale:	<p>The +/- system will not be used in this class. Grade distribution will be as follows:</p> <table border="1"> <tr> <td>90.00 - 100%</td><td>A</td></tr> <tr> <td>80.00 - 89.99%</td><td>B</td></tr> <tr> <td>70.00 - 79.99%</td><td>C</td></tr> <tr> <td>60.00 - 69.99%</td><td>NC*</td></tr> <tr> <td>0 – 59.99%</td><td>F</td></tr> </table> <p>You can access your scores at any time using the Grades section of Webcourses@UCF.</p> <p>*The NC (No Credit) replaces the typical “D” grade but does not affect your GPA. If you receive an NC grade, the course will have to be repeated if needed for your major. Repeating the course does not make the NC grade disappear from your transcripts.</p>	90.00 - 100%	A	80.00 - 89.99%	B	70.00 - 79.99%	C	60.00 - 69.99%	NC*	0 – 59.99%	F
90.00 - 100%	A										
80.00 - 89.99%	B										
70.00 - 79.99%	C										
60.00 - 69.99%	NC*										
0 – 59.99%	F										
Make-up Policy:	<p>If you miss an exam, the percentage score from your final exam will be substituted for ONE missed exam. Quiz make-ups will not be given. See the instructor in advance if you will miss an exam or quiz for a university-sponsored event, jury duty, or military service.</p>										
Attendance Policy:	<p>Attendance in class will not be recorded. However, you must be present to take exams, and to take advantage of extra credit opportunities.</p>										
Webcourses:	<p>Webcourses is an online management system (accessed through my.ucf.edu and then the “Online Course Tools” tab) that will be used to access grades and additional information for the course.</p>										

Student Required Academic Activity:	As of Fall 2014, all faculty are required to document students' academic activity at the beginning of each course. This academic activity must be completed by the end of the first week of classes or as soon as possible after adding the course, but no later than August 26 by 5:00 pm EST. Failure to do so may result in a delay in the disbursement of your financial aid. Take the syllabus quiz in Webcourses by 5:00 pm EDT on Friday, August 26, 2016.
Student Accessibility:	It is my goal that this class be an accessible and welcoming experience for all students, including those with accessibility needs that may impact learning in this class. If anyone believes the design of this course poses barriers to effectively participating and/or demonstrating learning in this course, please meet with me (with or without a Student Accessibility Services (SAS) accommodation letter) to discuss reasonable options or adjustments. During our discussion, I may suggest the possibility/necessity of you contacting SAS (Ferrell Commons 85; 407-823-2371; sas@ucf.edu) to talk about academic accommodations. You are welcome to talk to me at any point in the semester about course design concerns, but it is always best if we can talk at least one week prior to the need for any modifications. Please contact me if you are having difficulty accessing the instructional media and materials for this class.
Diversity and Inclusion:	It is my goal to promote a safe, respectful, and inclusive classroom environment and to encourage each student's unique voice, perspective, and presence. If there are aspects of the design, instruction, and/or experience within this course that results in barriers to your inclusion or accurate assessment of achievement, please contact me and/or Student Accessibility Services.
Ethics:	As reflected in the UCF creed, integrity and scholarship are core values that should guide our conduct and decisions as members of the UCF community. Plagiarism and cheating contradict these values, and so are very serious academic offenses. Students are expected to familiarize themselves with and follow the University's Rules of Conduct (www.osc.sdes.ucf.edu).
Disclaimer:	The information in this syllabus may be changed at the instructor's discretion.

Schedule – CHM 2040-0003 Chemistry Fundamentals 1A – Fall 2016		
Chapter	Quiz**	Exam**
Syllabus Quiz – Student Required Academic Activity Due Friday, Aug 26 on Webcourses		
Chapter 1: Matter, Measurements, and Problem Solving	Aug 31	Sept 9
Chapter 2: Atoms and Elements	Sept 21	Sept 30
Chapter 3: Molecules, Compounds, and Chemical Equations	Oct 12	Oct 21
Chapter 4: Chemical Quantities and Aqueous Reactions	Nov 2	Nov 14
Chapter 6: Thermochemistry	Nov 21	Nov 30
Review – Dec 2		
Final Exam 7:00 am – 9:50 am		Dec 9

** All quiz and exam dates are subject to change at the discretion of the professor

Withdrawal Deadline: October 31

No class: September 5 – Labor Day
 October 28
 November 11 – Veterans Day
 November 25 - Thanksgiving