PRINCIPLES OF CHEMISTRY I SYLLABUS
SUMMER 2018

Course Information:

Course Number: CP 2120
Class Hours: M, T, W, Th 9:00-11:30 AM
Prerequisite: You must pass College Algebra (MA1020) with a grade of C or better to receive credit for taking this class. There are no exceptions to this rule.

Instructor Information:

Instructor: Kaitlyn Koenig Thompson
Email: kaitlyn.koenig@stonybrook.edu
Office Hours: Mondays & Wednesdays, 11:30 AM – 1:00 PM

I can always be reached via e-mail if you have any questions.
Please include CP2120 in the subject line of any course-related correspondence.

Course Description:
This is an introductory chemistry lecture course for science majors and the first of two semesters of General Chemistry. We will discuss chemical concepts from both a macroscopic and molecular perspective. The core topics that are addressed in this course include basic atomic structure, chemical reactions and stoichiometry, chemical bonding, and thermochemistry. The development of problem-solving strategies and critical thinking will also be emphasized.

Grading:
Your final grade will be calculated based on problem sets, attendance and participation, in-class activities/quizzes, and two midterms and a final exam.

Problem Sets 20%
Attendance & Participation 10%
In-Class Activities/Quizzes 10%
Midterm #1 20%
Midterm #2 20%
Final Exam 20%

Requirements to fulfill each component of your grade are explained below.
Problem Sets:
Problem sets will be assigned which cover material for multiple lectures. I suggest that you work on the problems part-by-part after each lecture in which they are covered. Problem sets must be physically handed in to me at the beginning of class the day they are due.

Attendance & Participation:
Attendance is required and will factor into your final grade. Active participation (answering questions, participating in discussions, working on in-class assignments) is expected and will also factor into your grade. Please be ready to begin class on time. Consistent, unexcused lateness will negatively impact your participation grade.

I understand that there may be days you will be unable to attend class due to unforeseen circumstances or other obligations. Please do your best to notify me of your absence before class. If you miss a lecture, you will still be responsible for the material contained within the lecture and still be required to submit your problem sets on time. Attendance on exam dates is absolutely mandatory. Make-up exams will only be provided on a case-by-case basis (see Exam Make-Up Policy below).

In-Class Assignments/Quizzes:
To break up lectures and engage in active learning, there will be in-class assignments that may be collected at my discretion. Additionally, there will be short (5 – 10 question) multiple choice quizzes to help you keep up with the material.

Exams:
There will be two midterm exams and one final exam during the regularly scheduled lecture periods. The final exam will be cumulative, but with an emphasis on the last third of the course. The exams will be a mixture of multiple choice questions, quantitative problems, and short answer questions. A calculator will be needed for the exams. You will not be permitted to use smartphones or share calculators, so please do not forget yours!

Exam Make-Up Policy:
The exam make-up policy is for emergencies only. Under specific situations, students who miss an exam will be able to make it up at a later date. Legitimate reasons to request a make-up exam include: severe illness, death in the family, or requirement to appear in court. In these cases of emergency, please contact me as soon as possible to inform me that you will not be able to take the exam during the allotted time. I will only accept notice of a missed exam due to emergency up to 24 hours after the scheduled time. You will need to provide documentation (doctor’s note, police report describing a car accident, etc.) to be granted a make-up exam. Missing an exam without an explanation will result in a grade of 0% for that exam.

Natural Sciences (GE 7) Learning Outcomes
At the end of this lecture course you will:
- Be familiar with the basic vocabulary, unifying principles, and tools of chemistry
- Be able to set up and work quantitative chemical problems, interpret quantitative data, and create graphical displays of chemical data
• Have an appreciation for chemical principles and processes at work in your environment
• Understand the relationship between mathematics, science, and technology
• Have an appreciation for the historical setting in which scientific progress in chemistry has been made
• Understand the way science, chemistry in particular, influences and is influenced by forces in society

Accommodations for Students with Special Needs:
If you have or suspect you may have a physical, psychological, medical or learning disability that may impact your course work, please contact Stacey DeFelice, Director, The Office of Services for Students with Disabilities (OSSD), NAB, 2065, Phone: 516-628-5666, Fax (516) 876-3005, TTD: (516) 876-3083. E-mail: defelices@oldwestbury.edu. The office will help you determine if you qualify for accommodations and assist you with the process of accessing them. All support services are free; all contacts with the OSSD are strictly confidential. SUNY/Old Westbury is committed to assuring that all students have equal access to all learning activities and to social activities on campus.

Policy on Academic Integrity:
As members of the Old Westbury community, students are expected to adhere to standards of honesty and ethical behavior. Plagiarism and other types of academic dishonesty are condemned at all academic institutions. These acts detract from the student’s intellectual and personal growth by undermining the processes of higher learning and struggling with one’s own expression of ideas and information.

Good academic procedure requires giving proper credit when using the words or ideas of others.

Plagiarizing means “presenting somebody else’s words or ideas without acknowledging where those words and ideas come from” (Ann Raimes, Keys for Writers, 5th ed., p.188). Examples include:

• copying material from the Internet or other sources and presenting it as your own
• using any author’s words without quotation marks; using any quotation without credit
• changing any author’s words slightly and presenting them as your own
• using ideas from any source (even your own words) without proper credit
• turning in any assignment containing material written by someone else (including a friend or tutor); buying work and submitting it as your own
• submitting the same assignment in more than one class without permission of the instructor

Know what plagiarism is and how to avoid it; for guidance see Raimes or any other college writing handbook.

Other types of academic dishonesty include unauthorized collaboration or copying of students’ work (cheating); falsifying grades or other assessment measures; destroying the academic work of another student; the dishonest use of electronic devices; and others.
When detected and verified, plagiarism and other academic dishonesty will have serious consequences. The first offense will result in a failure on the specific assignment; a second offense or a particularly flagrant first offense will result in failing the course. A second verified instance of plagiarism, after report of a first verified instance, will normally result in failing the course in which the second instance occurs. In cases of multiple reports, where the faculty member, Chair, and Dean recommend suspension or dismissal from the College, the final decision will be determined by an Academic Grievance Committee (AGC) drawn from the Faculty Rights and Responsibilities Committee. The AGC decision is final.

Violations of plagiarism that occur outside of class (For example: work submitted for competitions, job applications, admissions to programs) may be considered a “Reported Offense”.

Any student found in violation of the Academic Integrity Policy may not be eligible for scholarships, honors or induction into academic societies. Students cannot withdraw from the course or apply for a grade of CR/NC while the matter is pending or if they are found in violation of academic policy. In some cases, in addition to academic consequences, violations may have other ramifications including those listed in the Code for Student Conduct.

*Please note: ignorance of the Academic Integrity Policy is never an acceptable excuse.*

**Policy on Lecture & Laboratory Withdrawals:**
Students are advised that if, before the 7th week of the semester, you withdraw from this lecture course (CP2120), then you should also withdraw from the associated laboratory course (CP2121L). Withdrawals after the 7th week should be discussed with both your lecture and laboratory instructors.
Lecture & Exam Schedule

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<td>Matter &amp; Measurements</td>
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<td>05/30/18</td>
<td>Atomic Theory</td>
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<td>Chemical Formulas &amp; Names</td>
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<td>05/31/18</td>
<td>Stoichiometry &amp; The Mole</td>
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<td>Stoichiometry in Chemical Equations</td>
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<td>Thermochemistry II</td>
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<td>Quantum Theory</td>
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<td>06/28/18</td>
<td>FINAL EXAM!</td>
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*This schedule is tentative and subject to change*