

Chemistry 103

Welcome to this introduction to chemistry. This course is geared toward introducing you to some of the principles and applications of chemistry to modern life. This class is designed to be a survey course, so we will talk briefly about several different topics. This course is designed for students with little science background- if you have an extensive background you may find this class redundant.



Requirements:

Textbook: Chemistry for Changing Times- Pearson publishing

You can get a custom edition at the bookstore for much less than a new book.

Folder: You will need a two-pocket folder to organize and turn in your assignments. Please write your name on the front of the folder.



How to Reach Me:

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MAILING ADDRESS

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Grades:

GRADING

Attendance/Participation	50	Points
Two Exams (100 points each)	200	Points
Homework Assignments (10 points each)	100	points
Teaching Project	100	Points
Final Exam	200	Points
TOTAL	650	Points

Letter Grade	A	B	C	D	E
Total Points	585-650	520-584	455-519	390-4454	below 390

REVISED

CHE 103 SCHEDULE – Spring 2015

Week	Tuesday	Thursday
1. Introduction		<u>Jan 22</u> Introduction Ch. 1
2. Ch. 2 Atoms	<u>Jan 27</u> Ch. 2 HW 1 Due	<u>Jan 29</u> Ch.2/3
3. Ch.3 Atomic Structure	<u>Feb 3</u> Ch. 3	<u>Feb 5</u> Ch. 3
4. Ch.3 Atomic Structure Ch.4 Chemical Bonds	<u>Feb 10</u> Ch. 3/4	<u>Feb 12</u> Ch. 4
5. Ch.4 Chemical Bonds	<u>Feb 17</u> Ch.4	<u>Feb 19</u> Ch. 4
6.	<u>Feb 24</u> Review for Exam 1	<u>Feb 26</u> *** Exam 1 ***** Teach Project Part 1 due
7. Ch 5/6 Chemical Reactions	<u>Mar 3</u> Ch 5/6	<u>Mar 5</u> Ch 5/6
8. Ch 5/6 Ch. 5 Acid/Base Ch. 6 Oxidation/Reduction	<u>Mar 10</u> Ch. 5/6	<u>Mar 12</u> Ch. 5/6 Teach Project Part 2 due
SPRING BREAK	<u>Mar 17</u> NO CLASSES	<u>Mar 19</u> NO CLASSES
9. Nuclear Reactions	<u>Mar 24</u> Ch. 7	<u>Mar 26</u> Ch. 7
10. Nuclear Reactions	<u>Mar 31</u> Ch.7	<u>Apr 2</u> Ch.7
11.	<u>Apr 7</u> Review for Exam 2	<u>Apr 9</u> **** Exam 2***** Teach project Part 3 due
12. Ch. 8 Organic Chemistry	<u>Apr 14</u> Ch. 8	<u>Apr 16</u> Ch. 8
13. Ch. 8 Organic Chemistry Ch. 11 Air	<u>Apr 21</u> Ch.8	<u>Apr 23</u> Ch.11
14. Ch. 11 Air	<u>Apr 28</u> Ch.11	<u>Apr 30</u> Ch. 11
15. Ch. 11 Air	<u>May 5</u> Ch. 11	<u>May 7</u> Ch.11 Teach project Part 4 due
<u>Finals Week</u>	<u>May 12</u> 12:30-1:45 Review for final exam	<u>May 14</u> Sec 001 Final Exam 12:30-2:30



Attendance:

It is your responsibility to attend every class. The schedule is provided to give you an approximate idea of the material we will cover. However, class is very interactive and frequently contains information beyond what is in the textbook. If you miss a class, you are still **responsible for turning in any assignments due that** day and you are still responsible for the information we covered in class. I will not provide notes for lecture, so if you miss class you will need to get that information from another student. I can tell from exams exactly what days you missed, so work on making connections to other students early so you can make sure to get the information from any classes you miss.

I will take attendance at the beginning of every class. If you come in late, it is your responsibility to let me know at the end of class that you were there.



Participation:

Learning is an active process. To get the most out of your class experience you will need to participate in our various in-class activities. In this class, you have 27 days of instruction in which to earn your participation points. You can earn up to a maximum of two participation points per class, up to a maximum of 50 points. Points may be deducted for tardiness, inattentiveness, non-participation, or incomplete class work.



Exams:

There will be two exams given during the semester, and a comprehensive final given at the end of the semester. See the schedule for the dates.

MISSING AN EXAM:

If you know in advance that you must miss an exam, please make arrangements with me at least a week in advance.

If you miss an exam due to emergency or illness, you may make it up, provided all of the following conditions are met:

- (1) You notify me before the exam begins (if that is absolutely impossible, notify me as soon as you can). Students who do not notify me before the next class period will not be allowed to make up the exam.
- (2) You bring a photo id to the Testing Center and take the exam **by the date we arrange.**

In the event that circumstances prevent you from making up the exam under the above conditions, you will get zero points for that exam, unless you can provide documentation for a truly compelling excuse. These cases will be handled at the discretion of the instructor.

Testing Center Info: ARNOLD CAMPUS

Sun 240

(410) 777-2375

Arnold Testing hours

Monday - Thursday	8:00am - 8:30pm
Friday	8:00am - 4:00pm



Homework Assignments:

These assignments are designed to give you an opportunity to review your notes and your textbook and to write about what you have learned in class.

Each homework assignment is worth 10 points. Homework will be graded both on correctness and on thoroughness.

Each Homework assignment will have a description of the activity and a due date. Copies of homework assignments can be found at <http://ola4.accc.edu/kacasey>



Teaching Project:

Learning how to study for a science course is a learned skill, as is taking a science exam. To help you with these processes, I have constructed a project that you will complete in stages over the course of the semester. The deadlines for the project are listed in on the calendar. The details of this project including options for completing it, definitions, and assessment criteria are in a handout titled “TEACH project”. This project is worth a total of 100 points.



Resources for help:

- 1: Other students in class: Students who study in a group tend to do better than students who do not. Some of the reasons for this are that there is encouragement available if you get frustrated, there is another person thinking about the same issues, and because talking about what you are learning greatly increases retention of information. Therefore, I suggest that you find at least one study partner in this class that can help you with questions, with studying for the exam, and with notes if you missed something in class.
- 2: Professor: If you need to reach me, the fastest way is by e-mail. You are welcome to come see me in my office at any time. However it is best to make an appointment in advance to make sure I will not be at another meeting.
- 3: Science Tutoring Center: This is a free drop-in tutoring service in Drgn 005 (basement of science building). You will need to check the schedule, but any tutor for Chemistry will be able to answer questions about the content in this course.
- 4: AACC Student Service Resources: AACC provides free peer tutoring, Pathways to Success workshops on topics such a test anxiety and study skills, free on-line tutoring using Smart Thinking, and many others. If you need more information you can contact me or the academic advising office.



College Policies

There are a number of College policies that you must read and understand. Some of them are listed below. For a complete list of all student policies, visit:

<http://www.aacc.edu/studentpolicies/default.cfm>

Academic Integrity Policy

Anne Arundel Community College requires all students to exhibit academic integrity in all their academic work. A culture of academic integrity, a unifying principle in this and all academic communities, is built upon respect for others' work, commitment to doing one's own work, and intolerance for academic dishonesty in all its forms. For more information, visit:

<http://www.aacc.edu/studentpolicies/default.cfm>

In this course, any student who violates this policy will receive a zero for the assignment.

Americans with Disabilities Act Policy

Disability Support Services (DSS) provides equal access to educational opportunities for qualified students with disabilities. The primary goal of DSS is to promote full participation of all students in college life. All self-identified students must provide current documentation in order to receive classroom accommodations. Adaptive aids and resources are available to assist qualified students and can be found on www.aacc.edu/advising/DSSwelcome. DSS advisors are available to meet with students to discuss the procedures necessary to obtain appropriate documentation and to identify accommodations for which a student is eligible.

Student Conduct Policy

Students shall at all times conduct themselves in a manner that demonstrates mutual respect and courtesy, displays appropriate standards of behavior, and refrains from any actions or inactions that impinge on the rights of others or disrupt the teaching and/or learning process or the operations of the college. A student found in violation of this policy or any other College policy shall be subject to appropriate sanctions in accordance with the student conduct procedures. The full text of the policy is available on the AACC website (<http://www.aacc.edu/studentpolicies/default.cfm>) and in the Student Handbook and College catalog.

Notice of Nondiscrimination

AACC is an equal opportunity, affirmative action, Title IX, ADA Title 504 compliant institution. Call Disability Support Services, 410-777-2306 or Maryland Relay 711, 72 hours in advance to request most accommodations. Requests for sign language interpreters, alternative format books or assistive technology require 30 days' notice. For information on AACC's compliance and complaints concerning discrimination or harassment, contact Kelly Koermer, J.D., federal compliance officer, at 410-777-2607 or Maryland Relay 711.