

CHM 1025C

Intro to General Chemistry

Fall 2013

CRN 15154	Class: 8:45 a.m. – 11:30 a.m.	M	OC-2-206
	Lab: 8:45 a.m. – 11:30 a.m.	W	OC-2-261
CRN 13142	Class: 12:00 p.m. – 2:45 p.m.	M	OC-2-206
	Lab: 12:00 p.m. – 2:45 p.m.	W	OC-2-261

Instructor: Andrea Tice, M.S.

Office: Osceola Campus 4-314	West Campus	HSB-138B
Office Hours: Osceola Campus	MW	3:00 p.m. – 4:15 p.m.
West Campus	TR	1:30 p.m. – 3:00 p.m.
	R	10:00 a.m. – 1:00 p.m.
Virtual	F	8:30 a.m. – 12:00 p.m.

**Hours are subject to change. Changes will be posted on Blackboard.

Phone: Osceola Campus	407-582-4912
West Campus	407-582-1877 (also fax line)
Home	407-678-7947

Email: atice1@valenciacollege.edu

Do NOT email me through Blackboard! I rarely check those messages!

Class FB Page: Prof. Tice's Intro to Chem Page - CHM 1025C; <https://www.facebook.com/Tice1025>

Welcome to the exciting world of chemistry—the central science! Chemistry is everywhere—from the pans and utensils you cook with to medicine, automobiles, plastics and energy sources. I hope you enjoy this learning experience! Please feel free to visit me during my office hours or contact me by phone or email if I am on a different campus. If my office hours are not convenient, we may set an appointment.

Course Description:

This course prepares students without high school chemistry or with inadequate background for CHM 1045C. Modern chemical theories are used to develop understanding of fundamentals of inorganic chemistry and its applications. The emphasis will be on quantitative relationships, using dimensional analysis to solve problems. The laboratory illustrates principles discussed in the classroom.

Prerequisite:

One year of high school algebra or minimum grade of C in MAT 0020C or MAT 0024C or an appropriate score on an approved math assessment.

Required Textbook and Materials:

For Class:

- *Introductory Chemistry, 7th ed.* By Steven S Zumdahl & Donald J DeCoste
- *Sapling Learning Access* – on-line assignments: See p. 8
- Class outlines – available via Blackboard. You should print these prior to coming to class.

For Laboratory:

- *Laboratory Manual for Introductory Chemistry*, Custom print, by Charles H. Corwin
- Permanent-ink black or blue pen.
- Safety goggles – available in the lab

For both:

- Scientific calculator, (may be graphing), MUST be separate from your phone.

Study Aids & Support Services:

- Student Solutions Manual.
- Chemistry tutors (WC-Bldg 7 room 240; OC Bldg 4, East side, 1st floor).
- <http://wwnorton.com/studyspace> Study Space is a free and easy-to-navigate website, offering you an impressive range of exercises, interactive learning tools, and assessment and review materials, including ChemTours, Study Plans, Diagnostic Quizzes and flashcards, and links to the ebook, SmartWork, and Chemistry in the News.
- Spanish language websites:
<http://www.eis.uva.es/~qgintro/inicio.html>
<http://www.tareasplus.com/quimica-general/>
<http://nicolasordonez0.tripod.com/>

Baycare Behavioral Health's Student Assistance Program

- *Valencia is interested in making sure all our students have a rewarding and successful college experience. To that purpose, Valencia students can get immediate help that may assist them with psychological issues dealing with stress, anxiety, depression, adjustment difficulties, substance abuse, time management as well as relationship problems dealing with school, home or work. Students have 24 hour unlimited access to the **Baycare Behavioral Health's confidential student assistance program** phone counseling services by calling **(800) 878-5470**. Three free confidential face-to-face counseling sessions are also available to students.*

Blackboard and Email:

I plan to use Blackboard, an Internet course management program. Here you will find class outlines, email addresses to communicate with me and other students in your class, useful links, grades and announcements regarding changes in the class calendar, among other things. To access Blackboard:

1. Launch Internet. (**Firefox 3.6** is the preferred/recommended browser for Blackboard 9.1 Learn)
Enter the URL: <http://learn.valenciacollege.edu>
2. Enter your user name and password (same as your Atlas ones).
3. Click on this course's hotlink.

Attendance:

Attendance is required. You will receive 1 point per day for attending the entire class or lab period. If you arrive between 5 and 15 minutes late, you will receive 0.5 points for the class. If you are more than 15 minutes late to class, you will be considered absent, and will not receive any points for that class. More than three absences from class will be considered excessive, and will negatively affect your grade. If you have 3 or more TOTAL absences **before** the withdrawal deadline, you will be withdrawn from the class, and will receive a grade of "W".

Withdrawal:

I will not withdraw anyone after the withdrawal deadline. Withdrawal Per Valencia Policy 4-07 (Academic Progress, Course Attendance and Grades, and Withdrawals), a student who withdraws from class before the established deadline for a particular term will receive a grade of "W". A student is not permitted to withdraw after the withdrawal deadline. A student who is withdrawn by faculty for violation of the class attendance policy will receive a grade of "W". Any student who withdraws or is withdrawn from a class during a third or subsequent attempt in the same course will be assigned a grade of "F". For a complete policy and procedure overview on Valencia Policy 6Hx28:4-07, please go

to:

http://valenciacollege.edu/generalcounsel/policy/default.cfm?policyID=75&volumeID_1=4&navst=0

Students on financial aid should consult a counselor before withdrawing from a course; there may be financial implications to the student which you must know about to make an informed decision before withdrawing from a course. Students with Bright Futures scholarships who withdraw or are withdrawn from a class must pay the college for the cost of the class.

Documentation of excessive circumstances will be considered on a case-by-case basis so I have the option to consider individual circumstances.

Use of Technology:

Use of mobile devices such as cell phones, i-phones, and smart phones, is not permitted during lecture or lab. Texting during lecture or lab is not permitted. iPads, tablets, and laptops may be used for the sole purpose of following along with slides and referring to homework questions; any other use during lecture or lab is prohibited. Use of any mobile device during a quiz or exam will be considered cheating and will not be tolerated.

Assessment:

In the Class:

- **Extra Credit:** Before we begin a chapter, you will have the opportunity to read the chapter and then take a reading quiz, worth 5 points of extra credit each. This is to encourage you to do that which you should be doing in order to succeed in the course. There will be no other source of extra credit at the end of the semester.
- **Online Homework:** Each chapter will have an on-line homework assignment through <https://www.saplinglearning.com/>, either by itself, or combined with another chapter. Assignments are due at **11:00 p.m.** on the date specified, unless specified differently on the schedule. **Late assignments will NOT be accepted**, but you will still be able to review them online for the practice. **If you have technical problems, please contact Sapling Support first! If those problems prevent completion of an assignment, please let me know as soon as possible.** Refer to the Schedule section for dates each one is due. The lowest homework grade will be dropped.
- **Quizzes:** There will be a quiz at the end of each chapter, worth 50 points. These will usually be a combination of short answer definitions, true/false, and problems. The lowest quiz score will be dropped, excluding the last quiz. See the Schedule section for dates.
- **Final Exam:** The final exam is comprehensive, and is worth 200 points. You cannot drop the final exam. See the Schedule section for the scheduled time. You will be allowed to bring with you a 3" x 5" notecard with all the desired equations or notes.

In the Laboratory:

- **Pre-laboratory work:** This consists of the experimental procedure summary and answers to selected pre-laboratory questions. Each one is worth 5 points. Pre-laboratory assignments are due within the **first 5 minutes** of beginning of the laboratory period. Please staple the procedure summary **behind** the questions.
 - **Pre-lab questions:** Each experiment has a set of pre-lab questions. You only need to answer the ones stated in the schedule.
 - **Experimental procedure summary:** Read the experiment and write a summary in your own words containing the key steps for the experiment. This can be written in

paragraphs, as an outline or flow chart. ***This is a summary of HOW to do the experiment, not WHY!!***

- **Laboratory Report:** This consists of the Data Sheet(s), applicable graphs and the assigned post-lab questions of the experiment. Assigned post-lab questions are listed on the course schedule page. Each report is worth 10 points. Laboratory Reports are due within the first 5 minutes of the beginning of the following laboratory period.
- **Laboratory Practical Exam:** This will be given the last week of lab as a means of testing your laboratory skills. It will be an individual exam and is worth 50 points and cannot be dropped. You will be able to review the procedure ahead of time, but your procedure and data sheets will be provided for you on the day of the exam.

Laboratory Late Policy:

Do not staple pre-labs and lab reports together. Each one is worth a separate grade. Make sure you place each one in its corresponding tray as soon as you walk into the lab room. Do not hand in loose pages! Whenever handing something in that has more than one page, staple them before coming to lab. **You will lose points if not stapled** (folding corners or using paper clips is not acceptable). Pre-labs and Reports must be in the correct tray within the first 5 minutes of the start of the lab periods. Pre-labs and Reports handed in after the first 5 minutes will lose 10% for being late. Late pre-labs and late lab reports will lose 20% if turned in anytime after the lab period is over, up to one week late. Pre-labs and reports will not be accepted after this time.

Laboratory Safety Rules:

The departmental safety rules, explained during the first meeting, must be followed when working in the laboratory. Safety is one of our top priorities. These rules will be enforced at all times. Procedure for non-compliance:

- 1st minor infraction: verbal reminder
- 2nd minor infraction: 5 points taken away from lab report
- 3rd minor infraction or 1st major infraction: leave laboratory, no make-up allowed.

Make-up Policy:

- **Homework:** Because homework is submitted online and not in class, late submissions are not accepted. Exceptions will be considered on a case-by-case basis.
- **Quizzes:** If you are absent from a quiz, you should contact me immediately. I will arrange for you to take a make-up quiz. You must take the make-up before the next class period.
- **Lab assignments:**
 - **Pre-lab:** If you miss a lab period, you may turn in the pre-lab assignment the following week for the 20% deduction.
 - **Post-lab:** If you miss performing an experiment, you may not turn in data for that lab, however, you may still turn in post-lab questions the following week for up to 50% of the post-lab grade.
- You are always welcome to turn in assignments in advance of a planned absence.

Academic Honesty:

Each student is required to follow Valencia policy regarding academic honesty. All work submitted by students is expected to be the result of the student's individual thoughts, research, and self-expression unless the assignment specifically states "group project." Any act of academic dishonesty will be handled in accordance with Valencia policy as set forth in the Student Handbook and Catalog.

Cheating will result in a grade of zero for all parties involved.

Student Behavior

You will find the Student Code of Conduct in the current Valencia Student Handbook.

<http://valenciacollege.edu/studentdev/CampusInformationServices.cfm>

Points and Grades:

The lowest exam grade, homework assignment grade, pre-lab grade, and lab report grade will be dropped. Final grades will be awarded using the scale below, based on the percentage of points obtained from a possible 1208 points.

Category	#	Points/ea	Total Pts	Course Grade:
Safety Quiz	1	10	10	
Quizzes	11*	50	550	A 89.5+ %
HW Assignments	13*	20	260	B 79.5 – 89.4%
Final Exam	1	200	200	C 69.5 – 79.4%
Pre-Lab Works	13*	5	65	D 59.5 – 69.4%
Lab-Reports	13*	10	130	F 0-59.4%
Attendance	28	1	28	
Lab Practical	1	50	50	
Subtract Low grades (*1 of each)			-85	
Total Points			1208	

I will calculate current grades one week before the withdrawal deadline, just before finals, and then after finals. As a responsible college student, you should be able to calculate your grade at any other point in the semester.

How to calculate your grade:

I have placed an Excel Spreadsheet in Blackboard for you to calculate your grade at any point during the semester. I have also given you a tracking sheet at the end of the syllabus to do the same thing. Simply input your grades to determine your percentage.

Request for Accommodations:

Students with disabilities who qualify for academic accommodations must provide a Notification to Instructor (NTI) form from the Office for Students with Disabilities (OSD) and discuss specific needs with the professor, preferably during the first two weeks of class. The Office for Students with Disabilities determines accommodations based on appropriate documentation of disabilities. The office is located in WC-SSB-102 and OC-2-140A. You may also reach the office by telephone at 407-582-1523 (WC) and 407-582-4162 (OC).

Minimum Recommended Study Requirements:

This course is a CUMULATIVE learning experience.

To do well in the class portion:

1. Dedicate a minimum of six hours of study per week. Use your study time as a learning time. The class portion is worth ~75% of your grade.
2. Read the assigned material BEFORE coming to class and take the quiz on the Sapling website.
 - a. Look at topic headings before reading the chapter.
 - b. Read Summary and Key Terms at the end of the chapter.
 - c. Read assigned pages before class.
 - i. Print the outline before you read the chapter. As you read the chapter, pay special attention to the material mentioned in the outline. Focus on the goals stated in the outline. Write definitions in the corresponding spaces on the outline.
 - ii. Write down questions you would like answered.
 - iii. Make marginal notes as you read.
 - iv. Underline or highlight important concepts.
 - v. Carry on an active dialog with the author.
 - vi. Take a minute to write an answer to the "Give it some thought" questions in the text. This strategy will help you be a more effective listener during lecture because it serves as a "warm-up" by focusing your attention. It will also help you be an active participant during class.
3. Bring the outline to class. We will complete the outline in class. Some students prefer having a notebook to write in. Some prefer writing directly on the outline.
 - a. Actively engage during note taking—analyze and process the information rather than passively writing. Try to take fewer notes and listen actively.
4. Be prepared to be an active participant in class discussions and problem solving.
5. Ask questions during class.
6. Come by my office during office hours during the first two weeks of classes for 10 bonus points.
7. Try to solve problems presented in class. If you are stuck on a problem, ask for help. Don't just wait until the professor solves it on the board. Even if you solve it incorrectly, the act of working it helps you determine what you understand and what needs further learning.
8. After class, review notes. Some studies state that 90% of class lecture is forgotten if it is not reviewed on the day it was covered.
 - a. Relate what was covered that day to prior knowledge and what you read in the textbook. This helps you process the material on a deeper level, enabling you to remember and use knowledge for thinking and further learning.
 - b. Rewrite material that was written in a disorganized or confusing manner.
 - c. Cover answer to problems worked in class and redo them.
 - d. Write definitions and flow charts on flash cards for easy review.
 - e. Work out assigned and red-numbered end-of-chapter exercises.
 - f. Write out questions that occur as you study. Ask me about any material that is unclear as soon as possible. You can send me an email, visit me during office hours, or ask before or as soon as class starts.
9. Stay on top of material.
10. It is essential that you work suggested chapter questions and problems. Attempt every problem; mastery of chemistry requires much practice.
11. Please seek help when needed as soon as possible. This course will cover a lot of material and many principles relying on mastery of previous material. Visit me or the tutors for help.
12. Sometimes it is helpful to find a study partner or form a study group to meet on a regular basis.
13. Have the right attitude. You need to want to learn the material to study effectively.

To do well in the laboratory portion:

1. Dedicate two hours of preparation per week. If it takes you longer to prepare, you may be overdoing it. The laboratory is ~25% of your grade.
2. Read the experiment several days before the laboratory period (make sure you check the schedule; experiments are not in numerical sequence).
3. As you read the experiment in the lab manual, write out a procedure. Include key steps. This procedure will not substitute the lab manual, so keep it brief. Include all laboratory sections. You may write this as an outline, flow chart, or pictorial.
4. Read and review the techniques that will be used in the experiment.
5. Answer the selected pre-lab questions directly in the lab manual. Get help if you cannot answer a question.
6. Relate the experiment with prior knowledge gained in class. The laboratory is your opportunity to learn class concepts in a tangible way. Don't overlook this opportunity for deeper learning by working the experiment as an isolated activity.
7. Come prepared so that you can work efficiently. Try to complete the laboratory report during the lab period. This will reduce your preparation time during the week.
8. Staple pre-lab and outline together before coming to class. Staple lab report together before coming to class. This will eliminate the stress of organizing and handing in lab material—and the loss of points due to handing them in beyond the first 5 minutes of lab.
9. Come properly dressed to laboratory. **Close-toed shoes, shorts must be knee-length, tank tops must be 4 fingers wide. If you are not dressed properly, you will not be permitted into lab.**

College Policy Manual

A full description of all College policies can be found in the College Catalog at

<http://www.valenciacollege.edu/catalog/>

Policy Manual at <http://www.valenciacollege.edu/generalcounsel/>

Please visit the college calendar via <http://valenciacollege.edu/calendar/> for important dates.

Important Valencia Dates:

Drop/Refund Deadline	Sep 3
Graduation Application Deadline	Sep 13
Mid-term grades posted	Oct 25
Withdrawal Deadline for W Grade	Nov 1
Grades Due	Dec 16 (9am)
Grades viewable in Atlas	Dec 17

USING SAPLING LEARNING:

Students:

1. Go to <http://saplinglearning.com> and click on your country ("US Higher Ed") at the top right.
- 2a. If you already have a Sapling Learning account, log in, click ""View Available Courses"", then skip to step 3.
- 2b. If you have Facebook account, you can use it to quickly create a SaplingLearning account. Click ""create account"" located under the username box, then click ""Login with Facebook"". The form will auto-fill with information from your Facebook account (you may need to log into Facebook in the popup window first). Choose a password and time zone, accept the site policy agreement, and click ""Create my new account"". You can then skip to step 3.
- 2c. Otherwise, click ""create account"" located under the username box. Supply the requested information and click ""Create my new account"". Check your email (and spam filter) for a message from Sapling Learning and click on the link provided in that email.
3. Find your course in the list ([Valencia College - CHM 1025C - Fall13 - TICE](#)) and click the link.
Make sure you select "Valencia College" as the school.
4. Enter your Key Code: (Your CRN, found on p.1)
5. Select your payment options and follow the remaining instructions.

Once you have registered and enrolled, you can log in at any time to complete or review your homework assignments.

During sign up - and throughout the term - if you have any technical problems or grading issues, send an email to support@saplinglearning.com explaining the issue. The Sapling support team is almost always more able (and faster) to resolve issues than your instructor.

That's it. You are now enrolled in SaplingLearning.

First Assignment: Title: Introduction to Sapling Learning

Available Aug 26th at 8:00 am. **Due** Aug 31st at 11pm. Note: This tutorial asks you to answer certain things incorrectly so that you will see the different help options you have. Even though the program will mark the answer wrong, you will still receive the 20 bonus points if you complete it before the deadline.

CHM 1025 Student Self-Tracking Grade Sheet

On-Line Homework (20 pts ea)	Pts. Earned
OL HW 1 *	
OL HW 2 *	
OL HW 3 *	
OL HW 4 *	
OL HW 5*	
OL HW 6 *	
OL HW 7*	
OL HW 8	
OL HW 9	
OL HW 10	
OL HW 11	
OL HW 12	
OL HW 13	
*M-T Lowest/Final Lowest	/
*Mid-term total: (120)	
Final total: (240)	

Quizzes (50 pts ea)	Pts. Earned
Syllabus Quiz (cannot be dropped)	
Quiz 1 *	
Quiz 2 *	
Quiz 3*	
Quiz 4*	
Quiz 5	
Quiz 6	
Quiz 7	
Quiz 8	
Quiz 9	
Quiz 10 (cannot be dropped)	
*M-T Lowest/Final Lowest	/
*Mid-term total: (200)	
Final total: (500)	

Pre-labs (5 pts ea)	Pts. Earned
Pre-lab 2*	
Pre-lab 3*	
Pre-lab 5*	
Pre-lab 7*	
Pre-lab 8*	
Pre-lab 9*	
Pre-lab 10*	
Pre-lab 12*	
Pre-lab 15*	
Pre-lab 20	
Pre-lab 6	
Pre-lab 18	
Pre-lab 16	
*M-T Lowest/Final Lowest	/
*Mid-term total: (40)	
Final total: (60)	

Lab reports (10 pts ea)	Pts. Earned
Safety Questions* (cannot be dropped)	
Post-lab 2*	
Post-lab 3*	
Post-lab 5*	
Post-lab 7*	
Post-lab 8*	
Post-lab 9*	
Post-lab 10*	
Post-lab 12*	
Post-lab 15	
Post-lab 20	
Post-lab 6	
Post-lab 16	
Post-lab 18	
*M-T Lowest/Final Lowest	/
*Mid-term total: (80)	
Final total: (130)	

Lab Practical: (50)	
Final Exam (200):	
*Mid-term Attendance: (17)	
Final Attendance: (28)	

*Reading Quiz points, Mid-term	
Reading Quiz points, Final	
*Total Mid-term points:	/457
Total Final points:	/1208

Chem 1025 Fall 2013 Class Schedule

Date	Lecture Schedule	Date	Lab Assignment	Post-lab Questions
8/26	Introduction; Ch. 2.1 - 2.5 - Measrmts OL HW1 : Intro to Sapling Due 8/31** OL HW 2: Ch. 2 - Due 9/10**	8/28	Safety Video & Orientation Lecture/Lab combo: Exp 2 Pre-lab 2 Due*; Safety Q's due @ end	All
9/2	Labor Day--No Classes	9/4	Lecture/Lab combo: Exp 3 Pre-lab 3 & Report 2 Due*	All
9/9	Ch. 2; Chapter 3 - Matter OL HW 3: Ch. 3 - Due 9/22**	9/11	Exp. 5: Phys. & Chem. Properties Pre-lab 5 & Report 3 Due* Quiz 1: Chapter 2 (last hour)	All
9/16	Ch. 4 Elements, Atoms, Ions OL HW 4: Ch. 4 - Due 9/22**	9/18	Exp. 7: Families of Elements Pre-lab 7 & Report 5 Due*	All
9/23	Quiz 2: Chapters 3 & 4 Ch. 5: Nomenclature OL HW 5: Ch. 5 - Due 10/6**	9/25	Exp. 8: Id. Cations Pre-lab 8 & Report 7 Due* (Nomenclature Jeopardy)	All
9/30	Finish Ch. 5 Ch. 6 & 7: Chemical Equations & Rxns OL HW 6: Ch. 6 - Due 10/20**	10/2	Exp. 9: Id. Anions Pre-lab 9 & Report 8 Due* (Nomenclature Double Jeopardy)	All
10/7	Quiz 3: Chapter 5 Ch. 7 & Ch. 18.1-4: Chem Rxns OL HW 7: Ch. 7 & 18.1-4 - Due 10/20**	10/9	Exp. 10: Analysis of Penny, Parts A-E Pre-lab 10 & Report 9 Due*	All
10/14	Ch. 8: The Mole OL HW 8: Ch. 8 - Due 10/27**	10/16	Exp. 12: Emperical Formulas, Part A Pre-lab 12 & Report 10 Due* Finish Ch. 8	All
10/21	Quiz 4: Chapters 6, 7, & 18.1-4 Ch. 9: Stoichiometry OL HW 9: Ch. 9 - Due 11/3**	10/23	Exp. 15: Precipitating Ca ₃ (PO ₄) ₂ Pre-lab 15 & Report 12 Due*	All
10/28	Quiz 5: Chapter 8 Ch. 15: Solutions OL HW 10: Ch. 15 - Due 11/10**	10/30	Exp 20: Analysis of Vinegar Finish Exp. 15 Calculations Pre-lab 20 & Report 15 Due*	All
11/4	Quiz 6: Chapter 9 Ch. 11: Modern Atomic Theory OL HW 11: Ch. 11 - Due 11/17**	11/6	Exp. 6: Atomic Fingerprints Pre-lab 6 & Report 20 Due*	All
11/11	Quiz 7: Chapter 15 Ch. 13: Gases OL HW 12: Ch. 13 - Due 11/24**	11/13	Exp. 16: Generating Hydrogen Gas Pre-lab 16 & Report 6 Due*	All
11/18	Quiz 8: Chapter 11	11/20	Thanksgiving Break - No Classes	
11/25	Quiz 9: Chapter 13 Ch. 12: Chemical Bonding OL HW 13: Ch. 12 - Due 12/1**	11/27	Exp. 18: Molecular Geometry Pre-lab 18 & Report 16 Due* Report 18 Due before leaving	N/A
12/2	Quiz 10: Chapter 13 (cannot drop) Lab Report 16 Due*	12/4	Lab Practical (Review Exp 3) A clean copy of procedure will be provided	
12/11	Final Exam: CRN 15154 7:30am - 10:00am OC-2-261 CRN 13142 10:15am - 12:45pm OC-2-261	*Pre-lab: Staple Questions on top of Procedure. *Post-lab: Staple Data Sheets on top of Questions ** OL HW is due by 11:00pm on the dates specified.		

CHM 1025C Introductory Chemistry

Class Participation Activity - "Introductions"

CRN _____ Fall 2013

Instructions: To facilitate your introduction to your classmates and to Mrs. Tice, I would like you to choose a partner sitting near you. Interview your partner by recording his/her answers to the questions below. When done, your partner should then ask you these same questions. Pay close attention to your partner's answers; later you will spend one to two minutes introducing your partner to the rest of the class. (Interviewer: Please print out answers. These will be collected and kept by Mrs. Tice.)

1. What is your name? _____ Student ID # _____

Last, First

2. How can Mrs. Tice contact you?

Phone: _____ Email: _____

3. Where were you born? _____

4. What high school, in what city and in what state did you attend?

5. What is the most memorable science experience you can remember?

6. Briefly share one thing about yourself, such as a hobby, personal preference, or a unique quality.

7. What do you want to be when you grow-up (i.e. after you get your degree)?

8. What concerns/fears do you have about this course?