

## Class Syllabus for “Advanced Chemistry”

Mr. Eisley Room 220

South Williamsport Jr./Sr. High School

2011-2012

Email: [meisley@swasd.org](mailto:meisley@swasd.org) Class Website: <http://www.mreisley.com/advanced>

### Objective/Introduction

Fundamentals of inorganic chemistry are presented to students planning to enter a career or field of study in the sciences or medicine. Topics to be covered include classification of matter, atomic structure, nomenclature, chemical reactions, reaction kinetics, kinetic theory and gases, acids & bases, oxidation-reduction, organic chemistry, and nuclear chemistry (time permitting). The course is rigorous and will require a good deal of dedication and perseverance. Algebra skills are used extensively, and the material will be covered more in-depth and at a faster pace than in the Chemistry course. Students completing this course should be well prepared to enter a freshman-level college chemistry course.

### Required materials for class (everyday)

Your **textbook** (*Chemistry*, Merrill), **writing utensils** (blue or black pen, pencils), **notebook** (a three-ring binder is *highly recommended*), and a **scientific calculator** will be necessary for homework assignments. Scientific calculators will be provided for all in class activities, but *are not* able to be checked out (hence why you should have one of your own). A separate laboratory notebook will be required for all laboratory write-ups; more specific information on these will be provided during the first few weeks.

### Grading

Grades will be based on total points earned vs. total points possible. The number of points available varies with each assignment category:

<b>Tests</b> - (100pts)	Notification of tests will be given one week in advance.
<b>Quizzes</b> – (10 – 50pts)	Quizzes are generally announced ahead of time, though pop quizzes may be given from time to time.
<b>Labs/Projects</b> - (50-100pts)	Lab reports and lab worksheets, and special projects will be assigned periodically; the total point value will be based on the magnitude of the assignment. You will be given a lab notebook and instruction on how to use it properly.
<b>PSSA Prep</b> – (10-50pts)	This will include Study Island assignments, PSSA Science Glossary Quizzes, and other test prep activities
<b>Homework</b> - (Varies)	Homework will typically consist of a worksheet packet that you will work on largely at your own pace during the duration of the unit. These packets will be collected on test day and will be graded at that time. The content of the worksheets will be discussed during the unit discussions in class.
<b>Class Participation</b> (Varies)	Class participation includes being on time and prepared for class when the bell rings, and paying attention and being involved in class (this includes both in-class discussions/activities as well as online activities that are assigned).

General guidelines for all submitted work:

- Assignments are due when I call for them (not tomorrow, or after-school, or even in 5 minutes).
- Assignments done in ink should be in black or blue ink. Write neatly; if I can't read it, I can't grade it!
- For writing assignments, write on only one side of the paper, use one-inch margins, and always *double-space* unless specifically instructed otherwise. *Typing is preferred.*
- If you are absent the day an extended assignment is due (one where the due date was announced well in advance, such as a lab report, project, etc), you must turn in the report/project the day you return.

If you have a question or concern about your grade, you must make an appointment with me after class or before/after school. **Do not ask me about your grade during class time.**

## Makeup work

### Homework:

- For daily homework assignments, you have as many days to turn in the assignment as you were *legally* excused for; after this time, the grade will be entered as a zero. *It is your responsibility to check the folder in the blue crate for missed assignments and handouts, check the website and with your neighbor for notes and check with me about important announcements.*
- Makeup assignments should be shown to me during any free work time during the class period, or before/after school.

### Quizzes, tests, or labs:

Make-ups will be given in Room 220, unless otherwise indicated, during the flex period (test & quizzes only). Make-up tests will be different from the test given on test day (the information tested will be the same; the format may be different). You will have as many days as you were *legally* excused for to make up the test or quiz.

Lab make-ups will be scheduled during flex periods or at the instructor's discretion.

It is *your responsibility* to make sure that you makeup these missed assignments in the time allotted. Those wishing to make-up work should let me know *at least 1 day in advance*. Notifying me by email is fine.

### Extra Help

If you wish to see me for extra help or to ask questions please let me know so that we can meet briefly after school, during flex period the next day or email me (this may actually be the easiest way to contact me for extra help). If you know you'll be coming in the morning before school, please make sure I sign your pass ahead of time. If there are people taking make-up tests/quizzes/labs, I will not be able to take questions concerning material that might be on those make-ups. Assistance will be given on a first-come-first-serve basis.

### Other Tidbits...

It is **your** responsibility to find out what you missed by consulting with the website and a classmate (including class notes). *Students excused for school-sponsored activities will be expected to obtain the work they will miss before their absence, and will be expected to have their assignment turned in one day following their return to school.*

If you are absent on a day where we review material for an announced test or quiz (i.e. – no new material), and you are present the day of the test, you will be expected to take the assessment.

Additional classroom information can be found at the Frequently Asked Questions (FAQ) Page (<http://www.mreisley.com/faq.htm>). Check the class websites regularly for updates.

Any changes that might be made to this syllabus will be passed along to students in class and/or on the class web site.

### Daily Expectations

- Be on time! Be in your seat copying objectives and/or the bellringer when the bell rings.
- Be prepared! Bring required materials to class every day.
- Be involved! Participation during examples and question sessions can improve your understanding (and help your grade!)
- Be respectful! Show respect to everyone and everything! I will dismiss you at the end of class, not the bell.

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I have read and understood the guidelines and procedures for Mr. Eisley's Advanced Chemistry Class and have shared them with my parents. (**Please return the entire contract**, not just this portion; copies of the syllabus can be found on the class website, <http://www.mreisley.com/advanced>)

Student Name: \_\_\_\_\_

Period \_\_\_\_\_

*\*Parents - In order to contact you via email, I must confirm your email address with you **by phone or in person.***

Student Signature: \_\_\_\_\_

Date \_\_\_\_\_

Parent's Signature: \_\_\_\_\_

Date \_\_\_\_\_ Phone # \_\_\_\_\_