

Chemistry 3 - Organic Chemistry

Instructor	Dan Meyers	Phone	269.323.5207
Room #	3114	E-mail	dmeyers@portageps.org
Twitter	@MeyersChemistry	Website	http://dmeyers.site.portageps.org

Course Overview:

Welcome back to the chemistry classroom. Chemistry 3 is designed to overview organic chemistry. It is our hope that you are ready to engage in a whole different side of chemistry. This is an exciting new course that will develop your lab skills and knowledge in organic chemistry principles. The course is designed to follow Chemistry I and the course topics reflect the prior knowledge gained in that course.

Text and other required materials:

Organic Chemistry textbook (Bailey & Bailey 6th Edition), scientific calculator, class notebook, composition notebook for lab notes/raw data.

Evaluation:

Students will be evaluated using the Board approved grading scale on benchmarked assessments throughout the course culminating in a summative exam at the end of the course.

Grading Method:

Grades will be based on the following list:

<u>ITEM</u>	<u>Category weight</u>
Test/quizzes/essays/projects	60% of grade
Lab quizzes and reports	20% of grade
Practice work	20% of grade

Practice work, regardless of the number of problems, will be assigned points as follows:

4 points	At least 90% completed when due
2 points	100% complete but turned in by review day
0 points	Anytime test day or after

All work must be shown to earn credit at any time!

Lab reports will be completed using Google Classroom and Google Docs. An assignment will be posted on Google Classroom with a template for the assigned lab. Your task will be to complete the lab report by the due date posted on the agenda board and on the class Google site/calendar. The great thing about Google

Classroom is that you will receive relatively quick feedback about your written reports and, hopefully, improve your technical writing skills - skills that will bode well for IB and college chemistry courses. Occasionally, lab quizzes may be given - you will be permitted to use your lab notebook containing your raw data. Late lab reports can be turned in for 50% of earned credit up to three days after the due date.

Please note:

1. **NO EXTRA CREDIT** will be offered at any time!
2. Unless you have a specific IEP or 504 accommodation, no additional time will be allowed on tests or quizzes beyond the normal class period.
3. Students should not expect to “retake” tests as there are plenty of opportunities to get assistance prior to test days. The time to get help is before the test, not after you have earned a grade lower than you (or your parents) would like.

Discipline Procedures:

Except for severe infractions (i.e.-endangerment to self or others) that result in automatic ejection from the classroom, failure to comply with the classroom guidelines will result in:

- 1st incident: Verbal warning
- 2nd incident: Student/teacher conference after class
- 3rd incident: Parent-teacher conference and further behavior intervention referral

Make-up Work:

It is the student's responsibility to obtain and complete any make-up classwork within the timeframe established in the student handbook. All lab work, however, must be completed within 1 week of the absence. Make-up work can be completed after school until 3:45 but it is recommended to check with Mr. Meyers in the event there is a staff meeting, etc. Students should request work in advance for prearranged absences and will be held to all deadlines.

Attendance and Tardies:

If you wish to succeed in chemistry you must be in class and on time. All tardies and absences are recorded on your permanent transcript and reflect negatively upon your reliability to future employers. Refer to your student handbook to see the consequences for multiple tardies and absences.

Cell Phones, iPods, MP3 players, tablets:

There is limited cell phone and electronic device usage in this class, ie educational purposes. You are not allowed to play games on your phone or tablet. You may listen to music on your phone when given permission. All offenses will be documented and will result in a discipline referral. Your administrator will choose the appropriate consequence based on the number of offenses.

Plagiarism Policy:

Always do your own work! Don't feel pressured to copy, plagiarize, or collude. For definitions of these terms, consult your student handbook. Consequences of cheating via Mr. Meyers include an automatic discipline referral and a zero (0) on the assignment. Administrative consequences will vary depending on the number of offenses.

Extra Help:

I will be available for extra help after school until 3:45 unless I have a scheduled meeting. Other times may be available by appointment. I have 3rd period planning as well. At the front of the classroom near the door is a large calendar. This is a “Help Sign-up” Calendar. Be sure to sign up if you know you need to come in for help after school or the next day.

Course Sequence and Topics

This course provides an overview of organic chemistry. We will be examining several different families of organic compounds. For each, we will examine the following aspects:

- Physical properties, structures, nomenclature
- Isomerism
- Lab techniques
- Characteristic reactions
- Mechanisms
- Synthesis

Other Tools

This is a list of programs and online services that the community has found beneficial to this class.

- dmeyers.site.portageps.org This is our class website, and we will use it extensively
- www.acdlabs.com Download the free version of ChemSketch to draw and name organic molecules and reactions easily.

Communication is key to a good classroom community, so please keep me informed of any needs, situations, or problems that may arise.