

Dougherty Valley HS — Mr. Schnell — Room 2207 — Fall 2016 Semester - Office: (925) 479 - 6400

- Honors Chemistry
- Mr. Schnell's Chemistry Web Site: <http://www.chemistryrocks.net> >> Honors Chemistry
- <http://dvhs.schoolloop.com>
- Sign up for reminders via text/email: See Web page link above

Welcome to Honors Chemistry. This class is hard work and can be fun at the same time. I expect you to come to class prepared to learn, do the work for this class, and succeed. It is your responsibility to understand and complete ALL the work. This course follows the school district and state standards in Chemistry along with preparation for the SAT II Subject Test in Chemistry and as a prerequisite for AP Chemistry. **You will need to obtain a NON-GRAPHING SCIENTIFIC CALCULATOR. Graphing calculators will be not be allowed during any assessment unless otherwise informed.**

HOMEWORK

All written homework assigned will be due the next class period unless otherwise noted. NO LATE HOMEWORK WILL BE ACCEPTED. Not every homework assignment will be collected and/or graded. If you have a legally excused absence, it is YOUR RESPONSIBILITY to find out what the missed class work and homework assignment(s) were and complete them. The homework assignments can be found on Mr. Schnell's Chemistry website during first two weeks of the school year (see top of paper) and then <http://dvhs.schoolloop.com>. You get the number of days absent to complete missed work and any make-up assessments. *Homework assignments subject to change at Mr. Schnell's discretion.* [Dougherty Valley High School will be following the District Homework Policy (AR 6154 and BP 6154), please see the Homework Policy on the District Website as well as the Dougherty Valley High School Web Site] **Please be advised that this policy is/can be different for Honors/AP Courses**

Please see the Dougherty Valley High School Webpage for the make up work policy.

NOTEBOOK – Graph Composition Book – 1st one provided

You will need an organized binder containing a graph comp. book (provided by Mr. Schnell) that will be used for your class notes, class work, filing corrected homework, etc... This notebook may be evaluated for organization, neatness, and completeness by notebook quizzes and/or notebook checks.

LAB REPORTS (Formal 100 pts. and informal 50 pts)

Lab reports will be completed for homework and Mr. Schnell will assign a due date. Reports must follow lab report guidelines found on the downloads page of his website, and needs to include ALL of the following completed sections in the following order unless otherwise indicated by Mr. Schnell: Guidelines/Check-list can be found on www.chemistryrocks.net

- | | |
|---------------------------|------------------------------------|
| 1. Title | 6. Procedure |
| 2. Purpose/Objective | 7. Observations and/or Data |
| 3. Hypothesis | 8. Calculations and/or Results |
| 4. Background Information | 9. Lab-Related Questions & Answers |
| 5. Materials | 10. Conclusion |

QUIZZES and FORMATIVE/SUMMATIVE ASSESSMENTS

In-class quizzes include closed book and open-notebook quizzes. Quizzes and/or Formative Assessments are given approximately every 2 weeks. Approximately 2-3 unit assessments will be given during the semester.

During all assessments, no electronic device may on your person. All electronic devices will be put into the "cell phone parking lot at the front of the room. When/if any electronic device is found on your person it will be assumed cheating on the assessment and the student will earn zero (0) credit for this assignment with opportunity for a make-up. The teacher will return all electronic devices at the end of the testing period.

GRADING

Homework: Approximately 5% (see page 4)

Class Participation: Approx. 5%

Lab Reports and Projects: Approx. 25%

Quizzes and Tests: Approx. 50%

Summative Assessment (Final): Approx. 15%

CLASS RULES

[1] SHOW RESPECT, RESPONSIBILITY, AND RESOURCEFULNESS (includes but not limited to: the teacher, others, the classroom, yourself).

[2] Have fun learning science.

[3] Come to class prepared, on time, and ready to learn.

[4] All school rules will be enforced. (See the student/school handbook for complete list.)

MR. SCHNELL'S CONTACT INFO: (use any or all of these methods)

- Class Web Site: <http://www.chemistryrocks.net> and <http://dvhs.schoolloop.com> for class info
- E-mail: eschnell@srvusd.net or eschnell@dvhigh.net - e-mail is usually quickest
- School Phone: (925) 479-6400 (Ext. 30899)

LABORATORY SAFETY FOR CHEMISTRY

By following certain respect and common sense rules in the science laboratory, you can make the lab safe for both you and all others around you. We may perform experiments every class day. Be prepared.

1. Never work in the lab unless a teacher is present and aware of what you are doing.
2. Prepare for the lab activity or experiment by reading it first AND appropriately completing the pre-lab assignment. If something is unclear about the lab, ask questions. Be sure to make note of any cautions stated.
3. Dress appropriately for lab. Avoid wearing loose fitting or bulky clothing or dangling jewelry. Wear closed-toed shoes, rather than sandals. Bring closed-toed shoes with you to every class.
4. Keep the work area free of any books or materials not needed for the lab.
5. Never throw anything in the lab.
6. Wear safety goggles whenever working with flames, heated liquids, glassware, and whenever the teacher requests.
7. Use the materials only as instructed in the manual or by the teacher. If you wish to try an alternate method, consult the teacher first.
8. Report any injuries, accidents, or breakages to your teacher immediately. Also report anything that you suspect may be malfunctioning.
9. Work quietly so that you can hear any announcements concerning cautions and safety.
10. When you have finished your lab work, make sure that water and gas are turned off. Return all materials used to the places designated by the teacher. Follow the teacher's directions for disposal of any waste materials. Clean the work area.

Students will not be allowed to perform a given experiment if any of the above rules or any additional rules subject to teacher discretion are not followed. Safety means being prepared and ready.

Topics Covered in This Semester: (not in sequence; topics may be added or removed time permitting.) Textbook: HOLT Chemistry, CA Edition – Houghton Mifflin Co.

- Atomic Nature of Matter
- Energy/Thermochemistry
- Chemical Bonding
- Solids and Liquids
- Chemical Reactivity
- Organic Chemistry
- Equilibrium
- Geometry of Simple Molecules and Polyatomic Ions
- Chemical Dynamics / Kinetics
- Inter-atomic, Intermolecular, & Inter-ionic Forces
- Solutions
- Electrochemistry (TBD)
- Nuclear Chemistry
- Biochemistry

DOUGHERTY VALLEY HIGH SCHOOL 2016-2017 GOALS

1. All students have the opportunity to access the full curriculum, extra-curricular activities, and community support.
2. Actively apply and strengthen strategies that foster respect and value diversity in a safe, clean, and caring environment.
3. Staff will support students with special needs through collaboration, consistent communication, and professional development for all staff.
4. Implement consistent practices that provide a welcoming and responsive environment for students, staff, parents, and community.

ACADEMIC HONESTY POLICY

Honest behavior is an expectation at DVHS. The purpose of the policy is to create and maintain an ethical academic atmosphere in which strong behavioral consequences will be enforced. Teachers also address cheating and plagiarism in their course policies. Counselors will be notified of the incident and it may be disclosed on a student's college application. Staff will access *Turnitin.com* to review plagiarism information taken from websites.

Consequences for Academic Dishonesty will include appropriate disciplinary measures consistent with Board policy and the California Education Code. One or more of the following consequences may occur. Disciplinary consequences will be cumulative for only the current school year per class and will be noted in students discipline file.

Please see the DVHS Student Handbook for complete list of consequences for 1st, 2nd, and 3rd Degree offenses.

NOTE

To be successful in Chemistry you must attend class regularly. No student will fail this class if they attend class, make productive use of time, turn in all assignments on time, take all tests and quizzes, complete labs and projects, and above all put forth a strong

EXTRA HELP

Please do not wait until the last minute to seek extra help. My "office hours" are posted outside my classroom. I am a swim coach almost year-around, therefore after school is limited.

SCIENCE DEPT. MISSION STATEMENT

Drawing upon our department's diverse ideas, skills, and backgrounds, it is our mission to motivate and challenge our students through rigorous curriculum. We plan to assist students to become scientifically literate through inquiry and problem solving in order to develop curiosity about the world around them. Students will be given the opportunity to develop skills and knowledge of science and technology as they apply to personal and social decisions. We strive to instill in students a deeper appreciation for the complexity of scientific disciplines and an understanding of how they function together and separately. Finally, we have a commitment to the collective success of the department through collaboration.

SCHOOL POLICIES & PROCEDURES – *All policies/procedures will be followed from the DVHS Student Handbook*

All school rules, policies, procedures, and disciplinary actions will be followed.

Please see the student handbook for further information.

Staff Communication Policy: Email is the best way to reach me

As a guideline, any communication to staff, via email or telephone, should receive a response within 48 hours (excluding weekends and holidays). If there is no response within 48 hours, please email or call again stating this is the second attempt. The 48-hour guideline may be affected by illness, conferences, or technology problems.

Line of Communication:

Any questions or concerns regarding student progress in a class should be addressed through the following process:

1. Student communicating with teacher – MOST IMPORTANT
2. Parent communicating with teacher
3. Parent/Student communicating with counselor
4. Parent/Student communicating with Assistant Principal
5. Parent/Student communicating with Principal

Textbooks:

Students are loaned a textbook based on the specific subject. The student and the parents are held financially liable for lost, stolen, damaged or destroyed textbooks. Students are charged the full replacement cost for items lost or damaged, since the school must pay the full replacement cost. All outstanding bills must be cleared before yearbooks, schedules, report cards or textbooks are issued to a student.

Possession of Electronic Devices, MP3 Players, Cell Phones, Laser Pens at School:

See student handbook for a more detailed explanation. Consequences:

First Offense: Device confiscated until the end of the day. Parent called, Detention assigned.

Second Offense: Device confiscated, parent will be called. Device returned when contact has been made with parent. Monday School assigned.

Third Offense: Device confiscated, parent contacted and Suspension assigned. Further consequences may result in suspension. Student loses ability to have device on campus for the remainder of the semester.

Dougherty Valley High School Grading Policy

Dougherty Valley Grading Policy

Grade	Percent
A	93.5 & above
A-	89.5 – 93.49
B+	87.5 – 89.49
B	83.5 – 87.49
B-	79.5 – 83.49
C+	77.5 – 79.49
C	73.5 – 77.49
C-	69.5 – 73.49
D+	67.5 – 69.49
D	63.5 – 67.49

The DVHS grading scale for progress reports and quarter grades includes - and +. Two to four unit assessments will be given during the semester. Grades on all assessments are final, unless otherwise stated by Mr. Schnell.

Please note the gradebook will only show whole number percentages. If students' earn XX.50 or above, their grade will reflect the "round up" and be given the higher Alpha letter grade. For example: students will see 89, but their actual percent may be 89.55, either way, the letter grade will be an A-

Please note that +/- grades do not have any effect on GPA's. Final semester grades, which colleges look at, do not use +/- to compute GPA. Only A, B, C, D, and F are used for final semester grades for GPA purposes.

Dougherty Valley High School Expected School-wide Learning Results

At Dougherty Valley High School, we believe students will:

- Be able to communicate effectively
- Think critically and support ideas through problem solving
- Stand for integrity, honesty and ethical treatment of all people
- Be partners in the learning process and take responsibility for themselves and their learning

DVHS EXPECTATIONS

All Students will...

1. Accept responsibility for your education, decisions, words, and actions.
2. Act in a way that best represents your school, parents, community and self to promote a safe, healthy environment in which to learn.
3. Be active in the school and community.
4. Maintain balance between academics, co-curricular activities and personal life.
5. Support your fellow students and their activities.
6. Respect cultural diversity, individuality, and the choices and rights of others.

This syllabus is subject to change at teachers' discretion

Please tear off and return to Mr. Schnell by Friday of the First Week of School

Dear Parents: Please fill out my ONLINE FORM found on www.chemistryrocks.net/Parents.htm. This assignment is part of your child's grade in my class. The due date for completion is by the Second Friday of the school year. Thank you.

Both signatures (the student and his/her parent/guardian) below indicate that you and your parents/guardians have read the Honors Chemistry class rules, procedures, and agree to the lab safety guidelines. Your signatures indicate that you and your parents/guardians will respect and obey them. By not signing below, does not omit students and parents from class rules, procedures, and lab safety guidelines. This contract is part of the student grade.

Student Name: (Print)	Student Signature:	Date: ___ / ___ / 2016
Parent / Guardian Contact Name:	Parent / Guardian Signature:	Date: ___ / ___ / 2016
		Class: Honors Chemistry Period: ___

Individual courses are no longer asking for/or collecting donations. Please support our class and your student(s) by donating to the DVHS Education Fund. More information can be found on the DVHS website under the "parents" tab at the top of the home page. Thank you for your continued support of DVHS academics!

Student ID#:

Period: