



Legacy High School
 2701 West 136th Ave • Broomfield, CO 80023
 Office: (720) 972-6700 • Fax: (720) 972-6899
<http://www.legacy.adams12.org>



School Year	2016-2017 Semester 2	Teacher Name	Zach Jones
Office	A208	Website	http://mrjoneslhsscience.weebly.com/
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Email Address	zachary.s.jones@adams12.org		

Course Name		Chemistry	
Course Description		The primary goals of this course are to develop your understanding of the chemical nature of our world and to encourage a life-long interest in science. We will learn the tools and theories used to study reactions and get hands on lab experience. We will also investigate important and current topics in Chemistry that affect our daily lives.	
Unit of Study	Grade Level Expectations/Content Standards	Approximate Time Spent or Percent of time Spent	Targeted Date of Assessment
Unit 1: Tools of a scientist	<ul style="list-style-type: none"> Matter has definite structure that determines characteristic physical and chemical properties Matter can change form through chemical or nuclear reactions abiding by the laws of conservation of mass and energy Atoms bond in different ways to form molecules and compounds that have definite properties Energy exists in many forms such as mechanical, chemical, electrical, radiant, thermal, and nuclear, that can be quantified and experimentally determined When energy changes form, it is neither created nor destroyed; however, because some is necessarily lost as heat, the amount of energy available to do work decreases 	12%	See Calendar
Unit 2: Atomic Theory and Periodicity		10%	
Unit 3: Electrons		12%	
Unit 4: Bonding/Naming Compounds		12%	
Unit 5: States of Matter		10%	
Unit 6: Reactions		12%	
Unit 7: The Mole/Solutions and Concentration		12%	
Unit 8: Stoichiometry		12%	
Unit 9: Acids and Bases		8%	
Grading Scale		Grade Reporting Criteria/Weights	
A	90-100 %	Unit Tests	70 %
B	80-89 %	Free Response Tests	10 %
C	70-79 %	Formative Work (Homework, Quizzes, Labs)	10 %
		Final Exam	10 %
		<i>See description of categories on the next page</i>	
D	60-69 %	*Weekly progress grades are posted at https://ic.adams12.org/campus/portal/adams12.isp	
F	Below 60		



General Expectations	
<ul style="list-style-type: none"> Grades are based upon the demonstration of proficiency on units associated with a standard given during each formative or summative assessment. Formative grades in addition to summative unit assessments will be used to holistically determine your grade. Summative: Summative measures of achievement are taken when unit master is expected. (i.e., unit tests, culmination of a project, embedded assessments, etc.) Formative: Formative assessments measure the scaffolding skills and/or content embedded in the unit. Formative assessments are taken frequently, after a student has practiced a skill or become familiar with content. Examples of formative assessments include but are not limited to exit tickets, paragraphs, oral check for understanding, warm-ups, stages in a large project, etc. Assessments will be graded based on teacher/district/state rubrics. On group projects, students will receive a grade for individual work. A group grade may also be given. Grades are based on achievement of Colorado Academic Standards and grade level expectations. 	
Class Expectations	
<p>Missing or incomplete assignments/assessments for this course: Superintendent Policies 6280 Homework and 6281 Make-Up Work, will be followed for this course.</p>	
Student Expectations	
Grading Policy	<p>The purpose of grading is to communicate to both students and parents what a student knows and can demonstrate at a given point during the course. In this course, homework will be used to give feedback but will not be calculated into the grade.</p> <p>Student grades will be based solely on achievement of standards, not effort, behavior, or attitude.</p>
Testing, Assignments, and Late work Policy	<p>Requirements to Be Eligible to Retake Exams:</p> <ol style="list-style-type: none"> All webassign homework for the current unit must be at least 80 % correct to be considered proficient. To be eligible for the re-assessment exam, all webassign homework must be complete and proficient. If you struggle with an assignment, see me for help. Homework needs to be completed on time. Homework may only be turned in late under the following conditions*: The student comes in to receive help outside of class (on an off period that we have in common or after school.) No webassign homework for a unit will be accepted after the scheduled unit exam time. The re-assessment must be taken on the assigned day. Re-assessments are done after school on a scheduled day. (You will be given a schedule at the beginning of the semester.) No exceptions will be made for students that cannot attend on the scheduled dates for this opportunity. If a student elects to retake an exam, <u>they must re-assess for all learning objectives on the exam</u>. They will be <u>given the grade from the second exam for all learning objectives</u> on the exam, which represents his or her most current level of understanding.
Absence Policy	<p>You are expected to make up any work missed because of an absence. You are responsible to request the make-up assignment(s) outside of class time. If you miss a day, plan time outside of class to get caught up. Make up work will be provided upon request for a student who has been absent. Students are eligible to receive full credit for make-up work completed and submitted by dates and times established in this policy or as may otherwise be arranged with the teacher and/or administrator. Credit may be denied for makeup work completed after the designated deadline.</p>
Tardy Policy	<p>Students are expected to be on time to every class every day. Beginning each semester, if tardy:</p> <ul style="list-style-type: none"> 1st-3rd: verbal warning by teacher and parent contact on 3rd. 4th teacher will speak with parent/guardian 5th 30 minute after school detention served with the teacher in the classroom. Teacher will speak to parent/guardian again.
Student Integrity Oath	<p><i>I agree to conduct myself with integrity in all regards. I commit to presenting my own work, writing, words, and ideas at all times, unless otherwise attributed. In addition, I will not copy, use communication devices during tests, post assessments for public access, falsely identify myself, or use inappropriate materials. Engaging in any of these activities represents a breach of this oath and subjects me to the disciplinary code of Legacy High School and the Adams 12 Five Star School District. It is my honest intention to uphold this oath.</i></p>



Plagiarism/Cheating Policy	<p>Plagiarism means to present, as one's own, the work, writing, words, ideas, or computer information of someone else. (Sources could be published or unpublished.) Cheating is supplying answers, receiving answers, or using unapproved assistive devices. (Examples: looking at or using someone else's work, using crib notes/stolen notes, or using disallowed equipment, etc.)</p> <p>Consequences for plagiarism and cheating are as follows: Matrix for Plagiarism/Cheating (covers all classes, lasts all year)</p> <ul style="list-style-type: none"> ▪ 1st – 0 on the assignment, teacher calls home and referral ▪ 2nd – 0 on the assignment, 1 day suspension, parent/teacher conference, referral ▪ 3rd – 0 on the assignment, 2 days suspension ▪ 4th – 0 on the assignment, referral to District Discipline Hearing
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Description of Grade Reporting Criteria	
Unit Tests	
<ul style="list-style-type: none"> • There are typically 4 or 5 unit tests each semester. Students will have the opportunity to take a re-assessment for each unit test if they are eligible. See the eligibility requirements on the previous page. • The re-assessment must be taken on the assigned day. Re-assessments are done after school on a scheduled day. (You will be given a schedule at the beginning of the semester.) No exceptions will be made for students that cannot attend on the scheduled dates for this opportunity. If a student elects to retake an exam, <u>they must re-assess for all learning objectives on the exam</u>. They will be <u>given the grade from the second exam for all learning objectives</u> on the exam, which represents his or her most current level of understanding. • <i>Gradebook identifiers – Assignment Label: Unit Test # - description of the tested material Assignment abbreviation: EX #</i> 	
Free Response	
<ul style="list-style-type: none"> • Assessments will contain free response questions where students will explain conceptual understanding of chemical concepts. • <i>Gradebook identifiers – Assignment Label: Free Response # - description of the tested material Assignment abbreviation: FR #</i> 	
Formative Work	
<ul style="list-style-type: none"> • Lab work will be assessed using lab reports or lab quizzes or practical demonstration of skills, etc. • Homework will be assigned and graded. This often is in the form of webassign – an online homework tool. • Quizzes may be given to assess progress in learning. • <i>Gradebook identifiers – Assignment Label: Webassign # - description of the material Assignment abbreviation: W #</i> • <i>Gradebook identifiers – Assignment Label: Lab # - description of the material Assignment abbreviation: La#</i> • <i>Gradebook identifiers – Assignment Label: Quiz # - description of the tested material Assignment abbreviation: Q #</i> • <i>Gradebook identifiers – Teachers may use a variety of other labels for assignments that don't neatly fit these categories.</i> 	
Final Exam	
<ul style="list-style-type: none"> • A comprehensive final exam will be given during the finals day scheduled by the school. • <i>Gradebook identifiers – Assignment Label: Final Exam Assignment abbreviation: FEX</i> 	



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Legacy High School
 Course Syllabus
 2016-17

Acknowledgment of Receipt Form

Course Title: Chemistry

Parents/Guardians,

You can track homework assignments online by having your student login to the WebAssign homework system. You can track class grades using Infinite Campus. If you don't have access to Infinite Campus, contact the Legacy front desk at 720-972-6700.

Signing this document acknowledges that you have read through the course syllabus. In addition, please be aware of the cell phone/I-pod Policy: These devices are not to be out in the classroom. District Superintendent's Policy allows the school to confiscate these items. Please help us keep the students focused on their learning.

Please share your preferred contact information before signing and returning this form to the classroom teacher.

Student Name (Print)

Student E-mail Address

Student Signature

My preference for contact is:

By Email

By Phone

Parent/Guardian Name(s) (Please print)

_____ and _____

Parent/Guardian E-mail Address(s) Phone Number(s)

Parent/Guardian Name(s) (Please print)

_____ and _____

Parent/Guardian E-mail Address(s) Phone Number(s)

Parent/Guardian Signature

Date