Course Syllabus

Franklin High School	2020-2021

DIRECTIONS: For each course, complete the syllabus and share with your evaluating/supervising administrator **as a pdf** ("File-download-PDF document") by 9/28/20. Syllabi will be posted on the FHS website under your name for the public to view.

Course Overview

NOTE: For core classes, all elements of this section (except for name and contact information) are the same.

Course Title: AP Chemistry	
Instructor Name: Merritt Sansom	Contact Info: msansom@pps.net
Grade Level(s): 10-12	
Credit Type: (i.e. "science", "elective") Science	# of credits per semester: 1
Prerequisites (if applicable): NGSS Chemistry	

General Course Description: *The AP Chemistry course provides students with a college-level foundation to support future advanced coursework in chemistry. Students cultivate their understanding of chemistry through inquiry-based investigations, as they explore content such as: atomic structure, intermolecular forces and bonding, chemical reactions, kinetics, thermodynamics, and equilibrium.*

Prioritized National/State Standards:

AP Chemistry standards can be found in the AP Chemistry Course and Exam Description.

https://apcentral.collegeboard.org/pdf/ap-chemistry-course-and-exam-description.pdf?course=ap-chemistry

Course Details

Learning Expectations

Materials/Texts: Students will be provided a packet of unit worksheets for practice and class discussion as well as the following text.
Chemistry the Central Science 14th edition; Brown, Lemay. with accompanying e-text and access to online homework.

Course Content and Schedule:

Units	Exam Weighting
Unit 1: Atomic Structure and Properties	**7–9%**
Unit 2: Molecular and Ionic Compound Structure and Properties	**7–9%**
Unit 3: Intermolecular Forces and Properties	**18–22%**
Unit 4: Chemical Reactions	**7–9%**
Unit 5: Kinetics	**7–9%**
Unit 6: Thermodynamics	**7–9%**
Unit 7: Equilibrium	**7–9%**
Unit 8: Acids and Bases	**11–15%**
Unit 9: Applications of Thermodynamics	**7–9%**

Differentiation/accessibility strategies and supports (TAG, ELL, SpEd, other):*Students with accommodations and/or modifications will receive assignments in accordance with their IEP or 504.*

Safety issues and requirements (if applicable): *Students and parents will be asked to fill out a safety contract upon return to campus.*

Classroom norms and expectations:*Synchronous (live) class meetings will take place on Zoom. When logging into zoom, make sure you log in with google and use your PPS login info. All class sections, individual appointments, and tutorials will use the same link to enter. All links can also be found on the course home page. Expected course etiquette can be found in the link and resources page of canvas*

Evidence of Course Completion

Assessment of Progress and Achievement: *Each module contains printable resources to be used from home. These include a printable periodic table, and guided note packets to fill in as you participate in live classes. Each module is arranged by daily assignments. These assignments include lectures to watch and questions to keep you engaged. You will complete progress checks at the end of each day's material. These short homework quizzes will contribute 10 % to your total grade.*

Progress Reports/Report Cards (what a grade means):

Grading:

Grading will be done on a straight scale and broken down into the following categories

Homework

Current Events

Exams

Labs

**Your lab and test grades will come from separate websites and will not appear in your canvas grade synopsis. Your synergy grade will look different than your canvas grade and will be MORE accurate.*

Career Related Learning Experience (CRLEs) and Essential Skills:

Communication with Parent/Guardian

What methods are used to communicate curriculum, successes, concerns, etc.?

Parents have access to act as an observer on canvas by setting up their own account. They can see the assignments for the week and their child's progress. In case of concerns, parents will be contacted via their chosen method as indicated in a survey from the beginning of the year. If they did not provide a contact method, parents will be contacted via synergy email. Please contact me at msansom@pps.net if you need help pairing with your child's canvas account.

Personal Statement and other needed info