

Cover Sheet - Planned Course Overview

A. Planned Course Title: Chemistry Course Number: S402

B. Grade level: 10-12 Level/Track: Honors

C. Board Approval Date: 08/22/2016

D. Instructional Time:

1. Length of course in weeks: 36
2. Number of class periods per week: 5
3. Length of class periods: 42 minutes
4. Total clock hours/credit for the course: 1.0 credit

E. List of the units of study within the course and estimated number of class periods or weeks allotted to each:

<u>Unit</u>	<u>Estimated Time</u>
1. Introduction to Chemistry and Lab Safety	10 days (7%)
2. Matter: Chemical/Physical Properties	15 days (10%)
3. Calculations and Measurements	15 days (10%)
4. Atoms, Elements, and the Periodic Table	10 days (7%)
5. Naming and Formulas	30 days (20%)
6. The Mole	20 days (13%)
7. Reactions and Equations	15 days (10%)
7. Stoichiometry	15 days (10%)
8. Solutions	10 days (7%)
9. Gases	5 days (3%)
10. Final Exam Review	5 days (3%)

F. The texts or major resources for the course:

Title	Chemistry
Author	Matta, M., Staley, D., Wilbraham, A., Waterman, E.
Publisher	Addison Wesley
Copyright	2000 5 th edition

Title The Poisoner's Handbook: Murder & the Birth of Forensic Medicine in Jazz Age New York

Author: Deborah Blum

G. Special Notes:

H. Names of the committee members who developed the planned course:

Tresa Bartosh, Adria Rios, Cynthia Steed