

Chem**Advantage**

AP® Chemistry  
College Board Audit Approved

**Instructor: Peter Moskaluk**

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**Student: Marie-Anne Lavoisier**

Semester 1 Grade	A+	99.0%	(40%)
Semester 2 Grade	A+	98.0%	(40%)
Final Exam	A	96.0%	(20%)
<b>Final Grade</b>	<b>A+</b>	<b>98.0%</b>	

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*Peter Moskaluk*

State of Michigan Certified High School Chemistry Teacher  
2003 Presidential Teacher Recognition Award  
moskaluk@chemadvantage.com



## Semester 1 - Detailed Grade Report

Assignments	Date	Category	Points	% Correct
AP01.05 Registration for AP Exam	15-Nov	Sem 1 Assignment	1	---
AP01.10 C00 Orientation	7-Sep	Sem 1 Assignment	36	100%
AP02.10 C01 Study of Change I	7-Sep	Sem 1 Assignment	47	100%
AP02.15 C01 Study of Change II	7-Sep	Sem 1 Assignment	42	100%
AP03.10 C02 Atoms, Molecules, and Ions	13-Sep	Sem 1 Assignment	104	100%
AP03.15 C02 Polyatomic Ions Practice I	13-Sep	Sem 1 Assignment	31	100%
AP03.20 C02 Polyatomic Ions Practice II	13-Sep	Sem 1 Assignment	30	99%
AP03.35 C03 Atomic Mass and Moles	20-Sep	Sem 1 Assignment	96	100%
AP03.45 C03 % Comp and Empirical Formula	20-Sep	Sem 1 Assignment	101	100%
AP03.55 C03 Stoichiometry	27-Sep	Sem 1 Assignment	76	100%
AP03.60 C03 Limiting Reactants and ICE	27-Sep	Sem 1 Assignment	75	100%
AP04.10 C04 Solutions & Molarity	4-Oct	Sem 1 Assignment	82	100%
AP04.15 C04 Solution Reactions	4-Oct	Sem 1 Assignment	114	100%
AP05.10 C05 Gases I	11-Oct	Sem 1 Assignment	123	100%
AP05.20 C05 Gases II	11-Oct	Sem 1 Assignment	69	99%
AP06.10 C06 Thermochemistry I	18-Oct	Sem 1 Assignment	49	99%
AP06.15 C06 Thermochemistry II	18-Oct	Sem 1 Assignment	62	100%
AP06.20 C06 Thermochemistry III	18-Oct	Sem 1 Assignment	31	99%
AP07.10 C07 Electronic Structure of Atoms	25-Oct	Sem 1 Assignment	104	100%
AP07.25 C08 Periodicity	1-Nov	Sem 1 Assignment	129	100%
AP08.10 C09 Ionic and Covalent Bonds	8-Nov	Sem 1 Assignment	104	100%
AP08.15 C09 Lewis Dot Diagrams	8-Nov	Sem 1 Assignment	67	100%
AP08.20 C09 Bond Energy	8-Nov	Sem 1 Assignment	48	100%
AP08.25 C10 Molecular Geometry	15-Nov	Sem 1 Assignment	139	100%
AP08.35 MC Practice Test	15-Nov	Sem 1 Assignment	30	98%
AP09.10 C11 Intermolecular Forces I	29-Nov	Sem 1 Assignment	79	100%
AP09.15 C11 Intermolecular Forces II	29-Nov	Sem 1 Assignment	93	100%
AP10.10 C24-C25 Organic Chem	6-Dec	Sem 1 Assignment	99	100%
AP11.10 C12 Solutions	13-Dec	Sem 1 Assignment	44	99%

Labs (5%)	Date	Category	Points	% Correct
APLab.10 Lab Safety	25-Oct	Sem 1 Lab	23	100%
APLab.15 Measurement Accuracy	25-Oct	Sem 1 Lab	23	100%
APLab.20 Percent C in Baking Soda	25-Oct	Sem 1 Lab	16	100%
APLab.25 NaHCO <sub>3</sub> Molar Relationships	25-Oct	Sem 1 Lab	14	100%
APLab.30 Electrolytes	20-Dec	Sem 1 Lab	25	100%
APLab.35 Metathesis Ppt Reactions	20-Dec	Sem 1 Lab	26	100%
APLab.40 Heat from a Microwave	20-Dec	Sem 1 Lab	19	100%
APLab.45 Specific Heat of an Alloy	20-Dec	Sem 1 Lab	16	100%
APLab.50 Enthalpy of Solution	20-Dec	Sem 1 Lab	17	100%
APLab.55 Separating a Mixture	20-Dec	Sem 1 Lab	29	---

Quizzes (10%)	Date	Category	Points	% Correct
AP03.50 C03 Isotopes and Moles Quiz	20-Sep	Sem 1 Quiz	7	100%
AP03.65 C03 FRQ Quiz	27-Sep	Sem 1 Quiz	24	94%
AP07.20 C07 FRQ Quanta Quiz	25-Oct	Sem 1 Quiz	6	93%
AP07.35 C07 C08 Periodic Properties FRQ	1-Nov	Sem 1 Quiz	10	96%
AP08.30 C07-C10 FRQ Quiz	15-Nov	Sem 1 Quiz	29	99%

Tests (60%)	Date	Category	Points	%Correct
AP02.25 C01 30 MC Test Redux	13-Sep	Sem 1 Test	31	95%
AP04.30 C02-C04 30MC Test Redux	11-Oct	Sem 1 Test	30	96%
AP05.40 C05 30MC Test Redux	18-Oct	Sem 1 Test	30	97%
AP05.45 C05 FRQ Test	18-Oct	Sem 1 Test	11	98%
AP08.50 C07-C10 60 MC Redux I	29-Nov	Sem 1 Test	30	97%
AP08.55 C07-C10 60 MC Redux II	29-Nov	Sem 1 Test	30	100%
AP08.60 C07-C10 FRQ Score Report	29-Nov	Sem 1 Test	11	100%
AP11.20 C11-C12 Test FRQ	17-Dec	Sem 1 Test	20	89%
AP11.25 C11-C12 60 MC Redux I	17-Dec	Sem 1 Test	30	100%
AP11.30 C11-C12 60 MC Redux II	17-Dec	Sem 1 Test	30	96%

### Semester 2 - Detailed Grade Report

Assignments (25%)	Date	Category	Points	% Correct
AP12.10 C13 Kinetics I	3-Jan	Sem 2 Assignment	73	100%
AP12.15 C13 Kinetics II	10-Jan	Sem 2 Assignment	97	100%
AP12.20 C13 Kinetics III	10-Jan	Sem 2 Assignment	93	100%
AP13.10 C14 Equilibrium	18-Jan	Sem 2 Assignment	157	100%
AP13.30 C16 Ksp Equilibria	24-Jan	Sem 2 Assignment	78	100%
AP13.45 C14-C16 30 MC 1	24-Jan	Sem 2 Assignment	30	95%
AP13.50 C14-C16 30 MC 2	24-Jan	Sem 2 Assignment	30	92%
AP13.55 C14-C16 3 FRQ	24-Jan	Sem 2 Assignment	25	100%
AP14.10 C15 Acid Base I	31-Jan	Sem 2 Assignment	130	100%
AP14.15 C15 Acid Base II	31-Jan	Sem 2 Assignment	127	100%
AP14.25 C16 Buffers and Titration	7-Feb	Sem 2 Assignment	148	100%
AP14.30 C15-C16 Practice MC	7-Feb	Sem 2 Assignment	30	99%
AP14.35 C15-C16 Practice FRQ	7-Feb	Sem 2 Assignment	57	100%
AP15.10 C18 Entropy	28-Feb	Sem 2 Assignment	75	100%
AP15.15 C18 Entropy FRQs	28-Feb	Sem 2 Assignment	26	100%
AP16.10 C04-C19 Red Ox	7-Mar	Sem 2 Assignment	104	100%
AP16.15 C19 Galvanic Cells	14-Mar	Sem 2 Assignment	135	100%
AP16.20 C19 Electrolytic Cells	14-Mar	Sem 2 Assignment	54	100%
AP17.11 MC Practice 1	1-Apr	Sem 2 Assignment	32	100%
AP17.15 MC Practice 2	1-Apr	Sem 2 Assignment	30	100%
AP17.20 MC Practice 3	1-Apr	Sem 2 Assignment	31	99%
AP17.25 MC Practice 4	1-Apr	Sem 2 Assignment	31	99%
AP17.30 MC Practice 5	1-Apr	Sem 2 Assignment	33	99%
AP17.35 MC Practice 6	1-Apr	Sem 2 Assignment	31	99%

Labs (5%)	Date	Category	Points	% Correct
APLab.60 Chromatography	18-Apr	Sem 2 Lab	19	---
APLab.65 Colorimetry-Light Path	18-Apr	Sem 2 Lab	18	100%
APLab.70 Colorimetry-Wavelength	18-Apr	Sem 2 Lab	25	100%
APLab.75 Colorimetry-Absorbance	18-Apr	Sem 2 Lab	26	100%
APLab.80 Virtual Spectrophotometer	18-Apr	Sem 2 Lab	29	100%

Quizzes (10%)	Date	Category	Points	% Correct
AP12.25 C13 Kinetics Quiz 3 FRQs	Sem 2 Quiz	41	41	100%
AP13.20 C14 FRQ Quiz 1-2	Sem 2 Quiz	31	31	97%
AP14.40 C15-C16 FRQ Quiz	Sem 2 Quiz	62	62	99%

<b>Tests (60%)</b>	<b>Date</b>	<b>Category</b>	<b>Points</b>	<b>%Correct</b>
AP12.35 C13 MC 60Q Redux I	18-Jan	Sem 2 Test	30	93%
AP12.40 C13 MC 60Q Redux II	18-Jan	Sem 2 Test	30	99%
AP14.50 C15-C16 60 MC-Redux I	21-Feb	Sem 2 Test	30	97%
AP14.55 C15-C16 60 MC-Redux II	21-Feb	Sem 2 Test	30	96%
AP14.60 C15-C16 FRQ	21-Feb	Sem 2 Test	11	100%
AP16.40 C18-C19 MC-Redux I	28-Mar	Sem 2 Test	30	92%
AP16.45 C18-C19 MC-Redux II	28-Mar	Sem 2 Test	30	95%
AP16.50 C18-C19 Test FRQ	28-Mar	Sem 2 Test	11	98%

### **Final Exam**

<b>Final Exam Assignments</b>	<b>Date</b>	<b>Category</b>	<b>Points</b>	<b>%Correct</b>
AP17.51 MC Exam 1 Redux I	18-Apr	Final Exam	30	97%
AP17.52 MC Exam 1 Redux II	18-Apr	Final Exam	30	95%
AP17.61 MC Exam 2 Redux I	18-Apr	Final Exam	30	96%
AP17.62 MC Exam 2 Redux II	18-Apr	Final Exam	30	91%
AP17.71 MC Exam 3 Redux I	18-Apr	Final Exam	30	96%
AP17.72 MC Exam 3 Redux II	18-Apr	Final Exam	30	96%
AP17.81 MC Exam 4 Redux I	18-Apr	Final Exam	30	98%
AP17.82 MC Exam 4 Redux II	18-Apr	Final Exam	30	93%
AP17.91 MC Exam 5 Redux I	18-Apr	Final Exam	30	93%
AP17.92 MC Exam 5 Redux II	18-Apr	Final Exam	30	96%
AP18.10 FRQ Exam Score Reports	25-Apr	Final Exam	27	100%