Chemistry

Statistics	Overall Average
List By	Criterion
Groups	All members of "Chemistry"
Demographic Filters	All Students
Assessment Instruments	All Instruments in "Chemistry" and its parent groups
Multiple Score Option	Use all scores

Aug 1, 2010 to Jul 31, 2011

assessment instrument name	criterion name	n	mean	mean %
Chemical Instrumentation Laboratory: Group Project Peer Evaluation	Ability to handle situations appropriately	--	--	--
Chemical Instrumentation Laboratory: Group Project Peer Evaluation	Commitment to others	--	--	--
Chemical Instrumentation Laboratory: Group Project Peer Evaluation	Conduct toward others	--	--	--
Chemical Instrumentation Laboratory: Group Project Peer Evaluation	Collaboration with others	--	--	--
Chemical Instrumentation Laboratory: Group Project Peer Evaluation	Appreciating and respecting others	--	--	--
General Chemistry I Laboratory: Dimensional Analysis Lab	Evidence	1	4	100
General Chemistry I Laboratory: Dimensional Analysis Lab	Conceptual understanding	1	4	100
General Chemistry I Laboratory: Dimensional Analysis Lab	Assumptions	1	4	100
General Chemistry I Laboratory: Dimensional Analysis Lab	Implications and consequences	1	4	100
General Chemistry II Laboratory: Kinetics Lab Abstract	Purpose	5	3.4	85
General Chemistry II Laboratory: Kinetics Lab Abstract	Conceptual understanding	5	3.4	85
General Chemistry II Laboratory: Kinetics Lab Abstract	Evidence	5	3.4	85
General Chemistry II Laboratory: Kinetics Lab Abstract	Inferences	5	3.4	85
General Chemistry II Laboratory: Life Impact Statement	Submission of Statement	7	4	100

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Organic Chemistry I Laboratory: Determination of Unknown Lab Flowchart	Purpose or goal	6	3.33	83
Organic Chemistry I Laboratory: Determination of Unknown Lab Flowchart	Evidence	6	3.5	88
Organic Chemistry I Laboratory: Determination of Unknown Lab Flowchart	Conceptual understanding	6	3.33	83
Organic Chemistry I Laboratory: Determination of Unknown Lab Flowchart	Inferences	6	3.67	92
Organic Chemistry II Laboratory: Life Impact Statement	Submission of Statement	6	4	100
Organic Chemistry II Lecture: Research Paper	Use of library resources and information technology	7	3.29	82
Organic Chemistry II Lecture: Research Paper	Definition of information needs	7	3.14	79
Organic Chemistry II Lecture: Research Paper	Identification and location of needed information	7	3	75
Organic Chemistry II Lecture: Research Paper	Application and presentation of information	7	3.43	86
Organic Chemistry II Lecture: Research Paper	Evaluation of information	7	2.86	71
Organic Chemistry II Lecture: Research Paper	Correct use of required documentation style	7	3.14	79
Organic Chemistry II Lecture: Research Paper	Ethical and appropriate use of information	7		0
Organic Chemistry II Lecture: Research Paper	Synthesis of information	7		0
Organic Chemistry II Lecture: Research Paper b	Use of library resources and information technology	1	4	100
Organic Chemistry II Lecture: Research Paper b	Definition of information needs	1	4	100
Organic Chemistry II Lecture: Research Paper b	Identification and location of needed information	1	1	25
Organic Chemistry II Lecture: Research Paper b	Application and presentation of information	1	1	25
Organic Chemistry II Lecture: Research Paper b	Evaluation of information	1	3	75
Organic Chemistry II Lecture: Research Paper b	Correct use of required documentation style	1		0
Organic Chemistry II Lecture: Research Paper b	Ethical and appropriate use of information	1	4	100
Organic Chemistry II Lecture: Research Paper b	Synthesis of information	1	1	25

Chemistry

Quantitative Analysis Laboratory: Comparison of Analytical Methods	Experimental data	2	4	100
Quantitative Analysis Laboratory: Comparison of Analytical Methods	Results	2	3.5	88
Quantitative Analysis Laboratory: Comparison of Analytical Methods	Conclusions	2	3.5	88
Quantitative Analysis Laboratory: Comparison of Analytical Methods	Spreadsheet	2	4	100
Quantitative Analysis Lecture: Excel Spreadsheet Analytical Problem Solving Assignment	Balanced chemical equations (section a)	2	4	100
Quantitative Analysis Lecture: Excel Spreadsheet Analytical Problem Solving Assignment	Charge, mass, K_{sp}, and base equilibria used to solve for [Ag+] in terms of K_{bs} and [OH-] (section a)	2	4	100
Quantitative Analysis Lecture: Excel Spreadsheet Analytical Problem Solving Assignment	Spreadsheet for solubility of Ag_3PO_4 (section b)	2	3	75
Quantitative Analysis Lecture: Excel Spreadsheet Analytical Problem Solving Assignment	Plot of chemical species present at different pH values for Ag₃PO₄	2	4	100
Quantitative Analysis Laboratory: Comparison of Analytical Methods	Results	--	--	--
Quantitative Analysis Laboratory: Comparison of Analytical Methods	Conclusions	--	--	--
Quantitative Analysis Laboratory: Comparison of Analytical Methods	Spreadsheet	--	--	--
Quantitative Analysis Lecture: Excel Spreadsheet Analytical Problem Solving Assignment	Balanced chemical equations (section a)	--	--	--
Quantitative Analysis Lecture: Excel Spreadsheet Analytical Problem Solving Assignment	Charge, mass, K_{sp}, and base equilibria used to solve for [Ag+] in terms of K_bs and [OH-] (section a)	--	--	--
Quantitative Analysis Lecture: Excel Spreadsheet Analytical Problem Solving Assignment	Spreadsheet for solubility of Ag_3PO_4 (section b)	--	--	--

Chemistry

Quantitative Analysis Lecture: Excel Spreadsheet Analytical Problem Solving Assignment	Plot of chemical species present at different pH values for Ag₃PO₄	--	--	--
Senior Paper	Logical organization of ideas for thesis development	1	4	100
Senior Paper	Correct mechanics and grammar	1	4	100
Senior Paper	Engaging and appropriate style	1	4	100
Senior Paper	Responsible use of content	1	4	100
Senior Paper	Length appropriate to the assignment	1	4	100
Senior Paper	Correct use of required documentation style	1	4	100
Senior Seminar: PowerPoint Presentation	Accurate audience analysis	3	4	100
Senior Seminar: PowerPoint Presentation	Logical organization of ideas for thesis development	3	4	100
Senior Seminar: PowerPoint Presentation	Creativity of expression	3	3.67	92
Senior Seminar: PowerPoint Presentation	Correct use of appropriate vocabulary	3	4	100
Senior Seminar: PowerPoint Presentation	Engaging and appropriate style	3	3.67	92
Senior Seminar: PowerPoint Presentation	Responsible use of content	3	4	100
Senior Seminar: Video of Summary	Met/Not Met	2	4	100

Chemistry

Aug 1, 2011 to Jul 31, 2012						Aug 1, 2012 to Jul 31, 2			
median	standard deviation	n	mean	mean %	median	standard deviation	n	mean	
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		8	4	100	4	0			
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		8	4	100	4	0			
--	--						--	--	
		8	4	100	4	0			
--	--						--	--	
		8	4	100	4	0			
--	--						--	--	
		8	4	100	4	0			
4	0	8	4	100	4	0	9	3.33	
4	0	8	3.63	91	4	0.48	9	3.33	
4	0	8	3.75	94	4	0.43	9	3.44	
4	0	8	3.88	97	4	0.33	9	3.33	
3	0.49	6	3.5	88	3.5	0.5	2	4	
3	0.49	6	3.17	79	3	0.69	2	3	
3	0.49	6	3.17	79	3.5	0.9	2	3	
4	0.8	6	3.17	79	3.5	0.9	2	2.5	
4	0	4	4	100	4	0	7	4	

Chemistry

3.5	0.75	6	3.83	96	4	0.37	4	4
4	0.76	6	3.83	96	4	0.37	4	3.5
3	0.47	6	3.83	96	4	0.37	4	3.5
4	0.75	6	4	100	4	0	4	3.5
4	0						4	4
3	0.7	5	3.2	80	3	0.4	4	3.5
3	0.64	5	3.6	90	4	0.49	4	3.75
3	1.07	5	3.4	85	3	0.49	4	3.75
4	0.73	5	3.4	85	3	0.49	4	4
3	0.64	5	3.4	85	3	0.49	4	3.5
3	0.99	5	2.8	70	3	0.4	4	3.5
	0	5	3.2	80	3	0.4	4	3.5
	0	5	3	75	3	0	4	3.5
4	0	--	--	--	--	--	1	4
4	0	--	--	--	--	--	--	--
1	0	--	--	--	--	--	--	--
1	0	--	--	--	--	--	--	--
3	0	--	--	--	--	--	--	--
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4	0	--	--	--	--	--	--	--
1	0	--	--	--	--	--	--	--

Chemistry

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4	0							
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3.5	0.5							
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3.5	0.5							
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4	0							
4	0	9	4	100	4	0	3	4
4	0	9	3.67	92	4	0.47	3	4
3	0	9	3.56	89	4	0.5	3	3.33
4	0	9	3.78	94	4	0.42	3	3.67
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							1	3
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							10	3.9
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							10	3.7
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							10	3.4

Chemistry

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							10	3.7
4	0	--	--	--	--	--	--	--
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4	0	--	--	--	--	--	--	--
4	0.47	--	--	--	--	--	--	--
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Chemistry

2013 Aug 1, 2013 to Jul 31, 2014

mean %	median	standard deviation	n	mean	mean %	median	standard deviation
--	--	--	17	4	100	4	0
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--	--	--	17	4	100	4	0
--	--	--	17	4	100	4	0
83	4	0.82	8	3.5	88	4	0.87
83	3	0.67	8	3.5	88	4	0.87
86	4	0.68	8	3.63	91	4	0.7
83	4	0.82	8	3.5	88	4	0.87
100	4	0	4	3.25	81	4	1.3
75	3	0	4	2.75	69	3	1.09
75	3	0	4	2.75	69	3	1.09
62	2.5	0.5	4	2.75	69	3	1.09
100	4	0	6	4	100	4	0

Chemistry

100	4	0	10	4	100	4	0
88	3.5	0.5	10	3.8	95	4	0.4
88	3.5	0.5	10	3.5	88	3.5	0.5
88	3.5	0.5	10	3.8	95	4	0.4
100	4	0	4	4	100	4	0
88	3.5	0.5	4	4	100	4	0
94	4	0.43	4	4	100	4	0
94	4	0.43	4	4	100	4	0
100	4	0	4	4	100	4	0
88	3.5	0.5	4	3.25	81	3	0.43
88	3.5	0.5	4	3.75	94	4	0.43
88	3.5	0.5	4	4	100	4	0
88	3.5	0.5	4	3.5	88	3.5	0.5
100	4	0	--	--	--	--	--
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Chemistry

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100	4	0	--	--	--	--	--
100	4	0	--	--	--	--	--
83	3	0.47	--	--	--	--	--
92	4	0.47	--	--	--	--	--
100	4	0	--	--	--	--	--
100	4	0	--	--	--	--	--
75	3	0	--	--	--	--	--
98	4	0.3	--	--	--	--	--
92	4	0.46	--	--	--	--	--
85	3	0.49	--	--	--	--	--

Chemistry

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92	4	0.46					
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