

Question Category: 3 Exemplary Educational Objectives Natural Sciences THECB

Natural Sciences Objective 1.) To apply method and appropriate technology to the study of natural sciences.

Satisfied	1	100%
Total # of Responses	<u>1</u>	

Natural Sciences Objective 2.) To recognize scientific and quantitative methods and the differences between these approaches and other methods of inquiry and to communicate findings, analyses, and interpretation both orally and in writing.

Satisfied	1	100%
Total # of Responses	<u>1</u>	

Natural Sciences Objective 3.) To identify and recognize the differences among competing scientific theories.

Highly Satisfied	1	100%
Total # of Responses	<u>1</u>	

Natural Sciences Objective 4.) To demonstrate knowledge of the major issues and problems facing modern science, including issues that touch upon ethics, values, and public policies.

Highly Satisfied	1	100%
Total # of Responses	<u>1</u>	

Natural Sciences Objective 5.) To demonstrate knowledge of the interdependence of science and technology and their influence on, and contribution to, modern culture.

Highly Satisfied	1	100%
Total # of Responses	<u>1</u>	

Question Category: 6 General Frank Phillips College Perspectives

General Perspective 1.) My instructor helped me to establish broad and multiple perspectives on the individual in relationship to the larger society and the world in which he or she lives and helped me understand the responsibilities of living in a culturally and ethnically diverse world.

Highly Satisfied	1	100%
Total # of Responses	<u>1</u>	

General Perspective 2.) My instructor stimulated my capacity to discuss and reflect upon individual, political, economic, and social aspects of life in order to understand ways in which to be a responsible member of society.

Highly Satisfied	1	100%
Total # of Responses	<u>1</u>	

General Perspective 3.) My instructor helped me recognize the importance of maintaining health and wellness.

Satisfied	1	100%
Total # of Responses	<u>1</u>	

General Perspective 4.) My instructor helped me develop a capacity to use knowledge of how technology and science affect my life.

Highly Satisfied	1	100%
Total # of Responses	<u>1</u>	

Question Category: 6 General Frank Phillips College Perspectives

General Perspective 5.) My instructor helped me develop personal values for ethical behavior.

Satisfied	1	100%
Total # of Responses	<u>1</u>	

General Perspective 6.) My instructor helped me develop the ability to make aesthetic judgments.

Highly Satisfied	1	100%
Total # of Responses	<u>1</u>	

General Perspective 7.) My instructor encouraged me to use logical reasoning in problem solving.

Highly Satisfied	1	100%
Total # of Responses	<u>1</u>	

General Perspective 8.) My instructor integrated knowledge and helped me to understand the interrelationships of scholarly disciplines.

Highly Satisfied	1	100%
Total # of Responses	<u>1</u>	

Question Category: 7 Instructional & Faculty Related Questions

The instructor tried to be fair and impartial with students.

Consistently	1	100%
Total # of Responses	<u>1</u>	

The instructor tested in ways that permitted students to demonstrate what they have learned in class.

Consistently	1	100%
Total # of Responses	<u>1</u>	

The instructor scored tests/papers promptly and gave helpful feedback.

Consistently	1	100%
Total # of Responses	<u>1</u>	

The instructor made clear how the final course grade would be determined early in the semester.

Yes	1	100%
Total # of Responses	<u>1</u>	

The instructor presented the subject matter effectively.

Consistently	1	100%
Total # of Responses	<u>1</u>	

The instructor spoke clearly and could be understood.

Consistently	1	100%
Total # of Responses	<u>1</u>	

The instructor made assignments clear.

Consistently	1	100%
Total # of Responses	<u>1</u>	

Question Category: 7 Instructional & Faculty Related Questions

The instructor presented course objectives clearly.

Consistently 1 100%

Total # of Responses 1

The instructor followed a plan and sequence for the course.

Usually 1 100%

Total # of Responses 1

The instructor used class time effectively.

Consistently 1 100%

Total # of Responses 1

The instructor brought material other than the textbook to the attention of students.

Consistently 1 100%

Total # of Responses 1

The instructor used a variety of teaching methods and teaching aids.

Consistently 1 100%

Total # of Responses 1

The instructor showed an interest in the student's progress.

Consistently 1 100%

Total # of Responses 1

The instructor related, where applicable, significant current issues to the course material/subject.

Consistently 1 100%

Total # of Responses 1

The instructor kept class for the entire period.

Consistently 1 100%

Total # of Responses 1

The instructor encouraged student involvement in class discussions.

Consistently 1 100%

Total # of Responses 1

The instructor allowed free expression of opinion.

Consistently 1 100%

Total # of Responses 1

The instructor encouraged students to seek information in addition to test and classroom presentations.

Consistently 1 100%

Total # of Responses 1

Question Category: 7 Instructional & Faculty Related Questions

By what means was the course syllabus made available to you?

Hard Copy	1	100%
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Total # of Responses	1	
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The instructor was available during his/her posted office hours, where applicable, or was available by appointment when needed.

Consistently	1	100%
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Total # of Responses	1	
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Question Category: 8 Specific Course Objectives

Student Learning Outcome 1.) Demonstrate the scientific method through practical applications in a laboratory or through problems.

Highly Satisfied	1	100%
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Total # of Responses	1	
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Student Learning Outcome 2.) Identify the limits of measurement through the use of the appropriate number of significant figures which correlates to accuracy and precision.

Highly Satisfied	1	100%
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Total # of Responses	1	
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Student Learning Outcome 3.) Comprehend the importance of models (theories) in science especially in their role in the development of modern day chemistry.

Highly Satisfied	1	100%
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Total # of Responses	1	
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Student Learning Outcome 4.) Describe and comprehend the results of the key experiments by Thomson, Millikan and Rutherford leading up to a model and nature of the atom.

Highly Satisfied	1	100%
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Total # of Responses	1	
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Student Learning Outcome 5.) Recognize and write names of chemical formulae, solve problems relating to molecular mass, moles and stoichiometry.

Highly Satisfied	1	100%
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Total # of Responses	1	
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Student Learning Outcome 6.) Differentiate between the different ways solutions are measured; differentiate between different reactions to form products.

Highly Satisfied	1	100%
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Total # of Responses	1	
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Student Learning Outcome 7.) Compare the different gas laws.

Highly Satisfied	1	100%
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Total # of Responses	1	
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Student Learning Outcome 8.) Explain the 1st Law of thermodynamics; apply the 1st law to the concepts of work, heat, and enthalpy; analyze chemical reactions to solve thermodynamic problems.

Highly Satisfied	1	100%
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Total # of Responses	1	
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Question Category: 8 Specific Course Objectives

Student Learning Outcome 9.) Compare and contrast the different theories of the nature of light; Outline the development of the modern quantum mechanics including Planck's quantum theory, the Bohr hydrogen atom model, Schrödinger's theories, and Heisenberg's theories.

Highly Satisfied	1	100%
Total # of Responses	<u>1</u>	

Student Learning Outcome 10.) Relate electron configuration and atomic shape to periodicity and molecular shape.

Highly Satisfied	1	100%
Total # of Responses	<u>1</u>	

Student Learning Outcome 11.) Demonstrate effective use of basic laboratory techniques related to these studies.

Highly Satisfied	1	100%
Total # of Responses	<u>1</u>	

Question Category: 11 Comments

Please provide your comments about this course; e.g., instructor's strengths and/or suggestions for improvements or any other classroom concerns.

- I enjoyed the course.

Do you have additional comments that you would like to share about other services on campus?

- I can't wait for next semester.

Class Sections Included in Course Evaluations		Fall 2009			
Instructor:	Wood, Fern E	Survey ID:	169		
CHEM 1411 - C90 - L\L	General Chemistry I	U	12:01 am	12:02 am	<u>Enrolled</u> 3
Total # Classes:	1		Total Enrollment:	3	