COURSE SLO STATEMENTS REPORT

ECC - CHEMISTRY

Course SLO Statement

Course SLO

Status

Active

Active

Active

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Input Date

07/01/2013

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ECC: CHEM 1A	General Chemistry I	SLO #1 Equation Writing	On a written exercise, given the names of chemical compounds, students will be able to write the correct reactant formulas, states of matter (when required), identify reaction type, predict the product formulas and balance the chemical equation.	Active	11/08/2013
ECC: CHEM 1A	· · · · · · · · · · · · · · · · · · ·	SLO #2 Structural Representations of Compounds	Students will be able to create (via molecular models or drawings) accurate representations of compounds. The representations will contain appropriate bonds, lone pairs, and geometry.	Active	11/08/2013
ECC: CHEM 1A	General Chemistry I	SLO #3 Lab Safety	Students will adhere to safety protocol in the laboratory regarding eye protection. Students will follow the proper procedure regarding wearing goggles in the laboratory, and keeping them on to protect their eyes.	Active	11/08/2013
ECC: CHEM 1B	General Chemistry II	SLO #1 Equation Writing	On a written exercise, given the names of chemical compounds, students will be able to write the correct reactant formulas, states of matter (when required), identify reaction type, predict the product formulas and balance the chemical equation.	Active	11/08/2013
ECC: CHEM 1B	· · · · · · · · · · · · · · · · · · ·	SLO #2 Structural Representations of Compounds	Students will be able to create (via molecular models or drawings) accurate representations of compounds. The representations will contain appropriate bonds, lone pairs, and geometry.	Active	11/08/2013
ECC: CHEM 1B	General Chemistry II	SLO #3 Lab Safety	Students will adhere to safety protocol in the laboratory regarding eye protection. Students will follow the proper procedure regarding wearing goggles in the laboratory, and keeping them on to protect their eyes.	Active	11/08/2013
	Fundamentals of Chemistry	SLO #1 Chemical Formulas of Reactants	On a written exercise, given the chemical formulas of reactants, students will be able to write the correct formulas of products, identify the reaction type and balance the equation.	Active	07/01/2013

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equation.

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ECC: CHEM 1A	General Chemistry I		On a written exercise, gives able to write the correct identify reaction type, prequation.
ECC: CHEM 1A	General Chemistry I	SLO #2 Structural Representations of	Students will be able to c

SLO #2 Molecular Models and

SLO #3 Safety Protocol

SLO #1 Names of Chemical

SLO #2 Molecular Models and

SLO #3 Safety Protocol

Drawings

Compounds

Drawings

Course SLO Title

Course ID

ECC: CHEM 20

ECC: CHEM 20

ECC: CHEM 21A

ECC: CHEM 21A

ECC: CHEM 21A

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Course Name

Fundamentals of

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Survey of General and

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Organic Chemistry

Organic Chemistry

Organic Chemistry

Chemistry

Chemistry

Course ID	Course Name	Course SLO Title	Course SLO Statement	Course SLO Status	Input Date
ECC: CHEM 21B	Survey of Organic and Biochemistry	SLO #1 Structures of Reactants for a Reaction	On a written exercise, given the structures of reactants for a reaction, students will be able to write the correct structures of products and identify the reaction type.	Active	07/01/2013
ECC: CHEM 21B	Survey of Organic and Biochemistry	SLO #2 Molecular Models and Drawings	Students will be able to create (via molecular models or drawings) accurate representations of compounds. The representations will contain appropriate bonds, lone pairs, and geometry.	Active	07/01/2013
ECC: CHEM 21B	Survey of Organic and Biochemistry	SLO #3 Safety Protocol	Students will adhere to safety protocol in the laboratory regarding eye protection. Students will follow the proper procedure regarding wearing goggles in the laboratory, and keeping them on to protect their eyes.	Active	07/01/2013
ECC: CHEM 4	Beginning Chemistry	SLO #1 Equation Writing	On a written exercise, given the names of chemical compounds, students will be able to write the correct reactant formulas, states of matter (when required), identify reaction type, predict the product formulas and balance the chemical equation.	Active	11/08/2013
ECC: CHEM 4	Beginning Chemistry	SLO #2 Structural Representations of Compounds	Students will be able to create (via molecular models or drawings) accurate representations of compounds. The representations will contain appropriate bonds, lone pairs, and geometry.	Active	11/08/2013
ECC: CHEM 4	Beginning Chemistry	SLO #3 Lab Safety	Students will adhere to safety protocol in the laboratory regarding eye protection. Students will follow the proper procedure regarding wearing goggles in the laboratory, and keeping them on to protect their eyes.	Active	02/09/2015
ECC: CHEM 7A	Organic Chemistry I	SLO #1 Equation Writing	On a written exercise, given the structures of reactants for a reaction, students will be able to write the correct structures of products and identify the reaction type.	Active	11/08/2013
ECC: CHEM 7A	Organic Chemistry I	SLO #2 Structural Representations of Compounds	Students will be able to create (via molecular models or drawings) accurate representations of compounds. The representations will contain appropriate bonds, lone pairs, and geometry.	Active	11/08/2013
ECC: CHEM 7A	Organic Chemistry I	SLO #3 Lab Safety	Students will adhere to safety protocol in the laboratory regarding eye protection. Students will follow the proper procedure regarding wearing goggles in the laboratory, and keeping them on to protect their eyes.	Active	11/08/2013
ECC: CHEM 7B	Organic Chemistry II	SLO #1 Equation Writing	On a written exercise, given the structures of reactants for a reaction, students will be able to write the correct structures of products and identify the reaction type.	Active	11/08/2013
ECC: CHEM 7B	Organic Chemistry II	SLO #2 Structural Representations of Compounds	Students will be able to create (via molecular models or drawings) accurate representations of compounds. The representations will contain appropriate bonds, lone pairs, and geometry.	Active	11/08/2013
ECC: CHEM 7B	Organic Chemistry II	SLO #3 Lab Safety	Students will adhere to safety protocol in the laboratory regarding eye protection. Students will follow the proper procedure regarding wearing goggles in the laboratory, and keeping them on to protect their eyes.	Active	11/08/2013
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