



SLO Assessment Cycle for CHEM 30B

Introduction to General, Organic and Biochemistry II SLO Modified: [04/21/2010]

Ram Subramaniam's Team Members:

1. [Cinzia Muzzi](#) (x5790) CHEM
2. [David Gray](#) (x5608) CHEM
3. [Ram Subramaniam](#) (x8517) CHEM

Additional Team members not on list/notes about team:

Ram Subramaniam, Cinzia Muzzi, David Gray,

Additional Notes:

Outcomes:

Outcome 1: Statement Modified: []

Differentiate the general reactions of the principle organic functional groups.

Assessment Cycle Records:

Outcome 1: Assessment Planning Modified: [04/21/2011]

Assessment Strategy Used:

Quarter: Winter 2011

Assessors: Ram Subramaniam, Ram Subramaniam

Assessment Tools: *No tools assigned.*

Sections being assessed: 01

Outcome 1: Reflect & Enhance Modified: [04/21/2011]

Number of people involved in Phase III: 5

Changes:

Methods:

Quiz 1 of the quarter was used for assessing this outcome. The quiz is on file with the assessor.

Summary:

The following are the results from this assessment:

Average: 45/50

Standard Deviation: 4/50

Median: 47/50

Success % = 90%

Detailed homework session was conducted prior to the quiz which greatly increased the success rate.

Enhancement (Part I):

Enhancement (Part II):

Outcome 2: Statement Modified: []

Evaluate the major classes of biological compounds from a chemical perspective.

Outcome 2: Assessment Planning Modified: [04/21/2011]

Assessment Strategy Used:

Quarter: Winter 2011

Assessors: Ram Subramaniam

Assessment Tools: *No tools assigned.*

Sections being assessed: 01

Outcome 2: Reflect & Enhance Modified: [04/21/2011]

Number of people involved in Phase III: 5

Changes:

Methods:

Quizzes 5 and 6 were used to evaluate this outcome. Quiz 5 was on the topic of proteins and amino acids. Quiz 6 was on the topic of

nucleic acids and DNA. Both these quizzes are on file with the assessor.

Summary:

The results from this assessment are as follows:

Quiz 5:

Average: 37/50
Standard Deviation: 8/50
Median: 37/50

Success % = 80%

Quiz 6:

Average: 40/50
Standard Deviation: 7/50
Median: 41/50

Success % = 82%

Enhancement (Part I):

Enhancement (Part II):

[Number of Outcomes for CHEM 30B: 2]