



SLO Assessment Cycle for CIS 14A

Visual Basic .NET Programming I SLO Modified: [02/13/2011]

Mary Pape's Team Members:

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Additional Team members not on list/notes about team:

Art Linn

Additional Notes:

Outcomes:

Outcome 1: Statement Modified: [10/22/2010]

Design a graphical user interface in Visual Basic .NET implementing basic controls including text boxes, labels, list boxes, buttons, radio buttons, and checkboxes.

Assessment Cycle Records:

Outcome 1: Assessment Planning Modified: [05/21/2010]

Assessment Strategy Used:

Quarter: Winter 2010

Assessors:

Assessment Tools: Written Reports • Programming Laboratory Assignment

Sections being assessed: 02

Outcome 1: Reflect & Enhance Modified: [05/16/2010]

Number of people involved in Phase III: 1

Changes:

Methods:

The assessment was a rubric highlighting the tasks that students need to accomplish to show comprehension and attainment of the SLOs stated above.

Of the 10 points attributed to GUI design, a score of 7 or better is satisfactory.

Summary:

Of the 33 students enrolled, 31 students submitted the lab. 100% of these students achieved a satisfactory score.

Enhancement (Part I):

Since students succeed very well in this area, introduce one to three more controls throughout the quarter as an extra feature in class lab assignments to encourage each student to explore other controls and the vast number of properties of basic controls.

Do include GUI related problems on more tests so that students receive positive feedback.

Enhancement (Part II):

Outcome 2: Statement Modified: [10/22/2010]

Design the algorithm, write, document, debug and test the code for event procedures and sub procedures of a Visual Basic application incorporating elementary coding constructs.

Outcome 2: Assessment Planning Modified: [05/21/2010]

Assessment Strategy Used:

Quarter: Winter 2010

Assessors:

Assessment Tools: Exams • Programming Assignment

Sections being assessed: 02

Outcome 2: Reflect & Enhance Modified: [05/16/2010]

Number of people involved in Phase III: 1

Changes:**Methods:**

The method was a question from the final involving the writing of code for an event procedure that incorporated a function procedure.

The questions was worth 25 points and 17.5 points would be a satisfactory score.

Summary:

82.8% of the students completing the final achieved a satisfactory score on this question.

The errors were not so much on the more difficult sub procedure but on the basic concepts of input - process - output.

Enhancement (Part I):

Encourage students to complete extra credit problems based on rudimentary problems. These are to be completed one week before the midterm.

A second "extra credit" opportunity between the midterm and the final.

Enhancement (Part II):

In order to accomplish the second "extra credit" opportunity assistance in grading so many programs in addition to the required programs would necessitate TA type of assistance in grading.

Outcome 3: Statement Modified: [10/22/2010]

Read, analyze and explain introductory level Visual Basic code.

Outcome 3: Assessment Planning Modified: [05/21/2010]**Assessment Strategy Used:**

Quarter: Winter 2010

Assessors:

Assessment Tools: Exams

Sections being assessed: 02

Outcome 3: Reflect & Enhance Modified: [05/21/2010]

Number of people involved in Phase III: 1

Changes:**Methods:**

Question VI from the final involving tracing code.

Of the six (6) points possible, a score of 4 or better is considered satisfactory.

Summary:

93.1% of the students received a score of 4 or better. Thus, 93.1% achieved this objective.

Enhancement (Part I):

More such tracings examples will be carried out for and by the students during the lectures for this course.

Enhancement (Part II):

[Number of Outcomes for CIS 14A: 3]