

Course Student Learning Outcomes Assessment

CMPR 105 Visual BASIC Programming

**Created on: 09/11/2013 03:31:00 PM PST
Last Modified: 03/12/2015 11:10:30 PM PST**

Table of Contents

General Information	1
Standing Requirements	2
Course Description.....	2
Course Student Learning Outcomes.....	2
2014-2015 Assessment Cycle	3
Measurements.....	3
Findings.....	3
Plans of Action.....	5
Status Reports.....	5
2013-2014 Assessment Cycle	6
Measurements.....	6
Findings.....	6
Plans of Action.....	6
Status Reports.....	6
2012-2013 Assessment Cycle	7
Measurements.....	7
Findings.....	7
Plans of Action.....	7
Status Reports.....	7

General Information (Course Student Learning Outcomes Assessment)

Standing Requirements

📖 Course Description

Introduction to programming and Visual BASIC. Emphasis on programming fundamentals and the creation of applications with Visual BASIC. No previous programming experience required.

📖 Course Student Learning Outcomes

CMPR 105 Visual BASIC Programming Outcome Set

Outcome	
Outcome	Mapping
Outcome 1 Student will be able to use the basic concepts of computers, programming languages, information processing procedures and their interrelationships.	Institutional Student Learning Outcomes: Communicate 1, Learn 2, Learn 3, Think 1, Think 2
Outcome 2 Student will be able to properly program and document a spectrum of programming problems.	Institutional Student Learning Outcomes: Communicate 1, Communicate 3, Learn 2, Think 1, Think 2
Outcome 3 Student will be able to use a computer to gather data and solve problems.	Institutional Student Learning Outcomes: Communicate 1, Communicate 3, Think 1, Think 2

2014-2015 Assessment Cycle

Measurements

Outcomes and Measures

CMPR 105 Visual BASIC Programming Outcome Set

Outcome

Outcome 1

Student will be able to use the basic concepts of computers, programming languages, information processing procedures and their interrelationships.

▼ **Measure: SLO #1**
Course level; Direct - Other

Description of Measurement Tool: VB programming projects. Two of these are in-class activities and 4 are homework projects.

Criteria for Success: Individual & Collective Student Criterion: 70% of students score 70% or better.

Cycle of Assessment: Fall 2014

Who is Responsible for Assessment Activity?: Department Chair and Instructor

Outcome 2

Student will be able to properly program and document a spectrum of programming problems.

▼ **Measure: SLO #2**
Course level; Direct - Other

Description of Measurement Tool: VB Homework Assignment (#4)

Criteria for Success: Individual & Collective Student Criterion: 70% of student score 70% or better

Cycle of Assessment: Fall 2014

Who is Responsible for Assessment Activity?: Department Chair and Instructor

Outcome 3

Student will be able to use a computer to gather data and solve problems.

▼ **Measure: SLO #3**
Course level; Direct - Other

Description of Measurement Tool: Project 2: Fast food POS project

Criteria for Success: Individual & Collective Student Criterion: 70% of students score 70% or better

Cycle of Assessment: Fall 2014

Who is Responsible for Assessment Activity?: Department Chair and Instructor

Findings

Finding per Measure

CMPR 105 Visual BASIC Programming Outcome Set

Outcome

Outcome 1

Student will be able to use the basic concepts of computers, programming languages, information processing procedures and their interrelationships.

▼ **Measure: SLO #1**
Course level; Direct - Other

Description of Measurement Tool: VB programming projects. Two of these are in-class activities and 4 are homework projects.

Criteria for Success: Individual & Collective Student Criterion: 70% of students score 70% or better.

Cycle of Assessment: Fall 2014

Who is Responsible for Assessment Activity?: Department Chair and Instructor

Findings for SLO #1

Summary of Findings: Two sections. Out of the 53 students who completed CS105, 81% received full credit on their homework projects.

Results: Criteria for Success Achievement Status: Met

Analysis of Findings: Over 70% of Students scored over 70%. Objective met.

Recommendations: This is about 10% higher than last year so I am pleased with this outcome.

Outcome 2

Student will be able to properly program and document a spectrum of programming problems.

▼ **Measure: SLO #2**
Course level; Direct - Other

Description of Measurement Tool: VB Homework Assignment (#4)

Criteria for Success: Individual & Collective Student Criterion: 70% of student score 70% or better

Cycle of Assessment: Fall 2014

Who is Responsible for Assessment Activity?: Department Chair and Instructor

Findings for SLO #2

Summary of Findings: Two sections. 80% of 53 students showed very good programming skills on this last HW assignment.

Results: Criteria for Success Achievement Status: Met

Analysis of Findings: This is really a good outcome when compared to years past.

With over 70% of students scoring over 70%, objective is met.

Recommendations: Nothing at this time

Outcome 3

Student will be able to use a computer to gather data and solve problems.

▼ **Measure: SLO #3**
Course level; Direct - Other

Description of Measurement Tool: Project 2: Fast food POS project

Criteria for Success: Individual & Collective Student Criterion: 70% of students score 70% or better

Cycle of Assessment: Fall 2014

Who is Responsible for Assessment Activity?: Department Chair and Instructor

Findings for SLO #3

Summary of Findings: Two sections. 84% of the 53 students completed this project successfully and demonstrated good problem-solving skills.

Results: Criteria for Success Achievement Status: Met

Analysis of Findings: This is really a good outcome when compared to years past.

With over 70% of students scoring 70% or better, the objective is met.

Recommendations: Nothing at this time

Overall Recommendations

No text specified

 **Plans of Action**

 **Status Reports**

2013-2014 Assessment Cycle

 **Measurements**

 **Findings**

 **Plans of Action**

 **Status Reports**

2012-2013 Assessment Cycle

 **Measurements**

 **Findings**

 **Plans of Action**

 **Status Reports**