

Course Assessment– Part B: Your Results & Analysis

#54

Your Email *

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CIS 120 Computer Concepts 1 – Windsheimer

Results

1a. Report the outcome achievement data gathered via the assignments, test, etc. you identified in question 3 of your Part A. *

The following assessments were used, quizzes, problem solving, open ended assessments, and journal writing. Results of each assessment and goal are below
 Goal: 70% with C or higher Final Grades = 93% with a C or higher in class
 Quizzes=85% (12/14)
 Problem solving= 93% (13/14)
 Open Ended Assessment= 79% (11/14)
 Journal Writing=93% (13/14)

1b. Report the percentage of students who mastered each outcome that you identified in question 3 of your Part A.

1. Identify and analyze computer hardware, software and network components to manage and change operating system settings, install and remove software and hardware and to make intelligent purchase decision. (quizzes)

Outcome #1 *

% of students who successfully achieved the outcome: *

85%

Outcome #2 *

2. Apply systems development, word-processing, spreadsheet and presentation software techniques to solve basic information systems problems. (problem solving)

% of students who successfully achieved the outcome: *

93%

Outcome #3 *

6. Use technology ethically, safely, securely and legally (journal writing)

% of students who successfully achieved the outcome: *

93%

Reflect on you assessment results and provide analysis, considering what contributes to student success and/or lack of success. Include feedback from student course evaluations as appropriate. *

As this was the first time I have taught this course, I was impressed with the updated textbook and how well students did with learning basic HTML. I also gave students choices from the new textbook to pick their journal subjects and problem solving assignments to focus on – this helped with less plagiarism, cheating and students enjoyed doing things that were at their skill level and interest.

This course is an elective for Gen Ed and CTE so there are students who are not computer savvy. Learning basic HTML was new to about half the students so using w3school.com tutorial and working through 3 open ended 1 page web site coding using Brackets also seems to be helpful and enjoyable to coding newbies. There were many comments from student surveys about how they enjoyed learning how to put together a single page webpage around their interests.

Outcome #1 (analyze computer hardware, software and network components) students felt they were at an average of 2.67 at them beginning of the class and at 4.20 at then end of the course.

Outcome #2 (solve basic information systems problems)students felt they were at an average of 3.10 at them beginning of the class and at 4.30 at then end of the course.

Outcome #3 (use technology ethically, safely, securely and legally) students felt they were at an average of 3.20 at them beginning of the class and at 4.56 at then end of the course.

Based on your analysis in the questions above, what course adjustments are warranted (curricular, pedagogical, etc.)? *

It is important that this course use updated technology textbooks for students. There are so many security and technological changes and using an outdated book doesn't help students learn new technology information.

Before the class I would have considered taking the HTML requirement out of this course but after reading student surveys I feel that their personal feeling of success is more important and keeping it to a tutorial and one page webpage was a good way to reach this outcome.

What resources would be required to implement your recommended course adjustments (materials, training, equipment, etc.)? What Budget implications result? *

Materials: updated textbooks, html tutorial, Brackets (Open source coding software) loaded on more computers on campus for students to learn html coding with an open source code editor.

Were your assessment methods accurate indicators of student learning? Why or why not? Any additional comments?

I feel the updated textbook helping with problem solving, open ended writing and quizzes over the chapters were the backbone of this course.

Learning HTML was a challenge for some, but students who work through the tutorial (79% C or higher on all html assignments) were excited to learn how to make a one page webpage. Approximately 85% of the students did not have html coding background before this class.

(OPTIONAL) Reflect on any adjustments you made from the last assessment of this course and their effectiveness in student achievement of outcomes?

If I were to teach this class again I would not make major changes to the course or course requirements. This course worked well online with support through Virtual Office hours for student support.

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