Assessment for MGIS 4320

Objective: Assess MGIS 4320 in Spring 2012 to see if learning is occurring and where improvements can be made in MGIS 4320 – Electronic Commerce Implementation. This class is a requirement for all MIS majors in the College of Business Administration.

Procedure: MGIS 4320 was last assessed in Spring 2010. The assessment in 2010 made use of a pre-test/post-test format. It was determined this method was not the best process to follow for the topics covered in the course, because an extremely small percentage of the students were familiar with the topics to begin with. The topics covered in this course are: XHTML, CSS, Photoshop, and JavaScript.

Homework assignments and tests were used to assess the level of learning of the specific topics. The course is divided up as follows: Test 1 and the first 5 homework assignments were over XHTML and CSS. Test 2 and three homework assignments were over Photoshop. Test 3 and two homework assignments covered JavaScript. Each of the three tests had a written closed book portion and a hands-on lab portion.

The “Level of Understanding” is shown in the Table below.

Results: This course was previously assessed in 2008 and 2010. In 2008, JavaScript was an area targeted for improvement. Additional class time and more targeted assignments were used to improve in this particular area. Significant improvement was recognized in 2010, but JavaScript remained an area for more improvement.   
  
The instructor’s qualitative assessment (based on working with the students on Exams and Homeworks) of what the students’ learned in the course and where improvements can be made is as follows. While the homework grades were very good, it is believed that the students worked very closely with one another and didn’t master the material well enough to perform on the exam.   
  
It was determined that in order to ensure the student’s understanding of the topics that increased one-on-one interaction is necessary.

Table: Level of Understanding on Topics for MGIS 4320

|  |  |  |  |
| --- | --- | --- | --- |
| Topic | % Correct Homework | % Correct Written Exam | % Correct Hands-on Lab |
| XHTML | 93% | 72% | 68% |
| CSS | 93% |
| Photoshop | 93% | 73% | 84% |
| JavaScript | 88% | 65% | 69% |