

Teaching Effectiveness

Goals and accomplishments: With respect to the XXXX courses, I have tried to master three areas of concentration. 1. Continue to gain knowledge and skills in the XXXX; 2. Continue to improve curriculum and instruction; 3. Improve the technological delivery of on-line courses.

Activities designed to improve teaching effectiveness:

- New or innovated teaching methods- The use of hands-on demonstrations. One student commented *“The course was great. I think most students loved the labs because students are more hands on and learn a bit easier if they can get in there and get dirty.”* In course XXXX, I have students demonstrate skills such as ...
- Assessment strategies- The use of Moodle quizzes which allowed efficient testing and grading of large numbers of students (20 – 50 students per test) utilizing a large random test bank for testing security.
- Incorporation of new technologies- The use of the Elluminate Web conferencing program provided synchronous audio/visual instruction in the online environment to present content and review for exams for students. A student commented *that “The Elluminate sessions were helpful for learning, exam, and were overall enjoyable.”*
- Incorporation of new technical content- On a regular basis, I use Animations for summarizing and reinforcing concepts during Elluminate sessions.
- Curriculum development- In the Spring of 2007, I rewrote a course for the online environment utilizing PowerPoint slides and adapted it to Elluminate. As part of this process, I chose the texts. I am currently going through a similar revision process with another course. With faculty collaboration, we have chosen a new text for the course and are continuing the course construction process with a goal of presenting this course on Elluminate in the Spring of 2011.
- Methods used to improve classroom management- Expectations for all my courses are layed out early in each course through the syllabus as well as some consequences. For example, ***“Key components for success in this course are: high expectations, reading the textbook, completing the workbook, attendance and participation in Elluminate sessions.”*** Consequences are also spelled out for academic dishonesty and cheating. I have found that anytime there has been a problem relating to classroom management, it helps to refer the student to the syllabus to correct the situation.
- Methods used to improve student/faculty interaction such as, the Elluminate program, workbook checks, and labs all help improve interaction by providing face to face contact with students. With course XXXX, each student is required to do a presentation either through Elluminate or in front of a live class. Exam reviews on Elluminate also encourage interaction. A student in Spring, 2010 stated *“overall a fantastic class with all of the interaction between the instructor, student, and labs.”* From another student, *“I appreciated the instructor’s continual communication with the class. He made himself available before and after lectures and offered office time if needed.”*

- Methods used to enhance students' ability to self direct- Probably the biggest factor here was students could see their grade displayed immediately after a quiz or an exam and how that grade fit in to the overall picture. Attendance points also made students stop and take notice that they needed to stay more involved.
- Specialized certificates required to teach in the field- For this position, department instructors are required to have an Idaho Education Credential, as an Occupational Specialist with an endorsement in

Description of student outcomes efforts and results:

- A high percentage of students who complete the XXXX courses are prepared to enter successfully into their respective programs.
- There is further opportunity to see student growth in their respective programs while completing courses such as course XXXX and course ZZZZ.
- More quantitative analysis of student outcomes could be accomplished by tabulating course grade averages.

Other support of teaching effectiveness:

- The program coordinator commented, *"I have seen his teaching methods and his rapport with students first hand and can say with great respect and admiration that this is a great asset to the College of Technology and our department."*
- Assisted the XXXX Program for students by