

ClassTech Assessment Plan for 2005-2006

Assessment Question 1: How does use of technology impact course's pedagogy, faculty workload, faculty attitudes, and amount of material delivered? Specifically:

- Did having technology available affect the way faculty designed and taught the courses: How did faculty use technology? Did course or program outcomes change due to use of technology? Did assessment of students (how determined course grade) change? Did assignments change?
- Did type/amount of material presented change (e.g. more simulation, more use of web for examples, etc)
- How did technology influence faculty workload? (i.e. Did having technology available improve utilization of class time? Did having technology available increase preparation time?)
- Did faculty enthusiasm for the course change?
- Did technical support for using technology influence faculty's use of technology?

Assessment Question 2: How does having the technology used in the classroom affect:

- Use of class time and assigned coursework
- How students learn (using following LITRE defined outcomes)
 - problem solving
 - empirical inquiry
 - research from sources
 - performance in discipline
- Student achievement of course and program objectives

Assessment Question 3: Are students, faculty and technical staff satisfied with the use of this technology in academic settings? Specifically:

- As the number of rooms increases, does technical support satisfaction remain at same level?
- Is adequate support provided for faculty members to use the technology effectively?
- Is adequate training provided for faculty members to use the technology effectively?
- Are students satisfied with the technical support for the effective use of this technology?
- Are technical staff satisfied with their ability to implement support and ensure availability, reliability, and maintenance of the equipment?

Assessment Question 4: What are the challenges of using technology in the classroom for students, faculty, and technical staff? Specifically:

- What are the functional needs of faculty for the rooms?
- Can we predict demand for rooms for the future, based on previous requests?
- How is need for rooms being communicated at present and what needs to be changed for fall 2006?
- How will ClassTech (rooms/technology/staff available) grow in the next five years?
- What barriers do faculty feel inhibits their use of technology in the classroom?

Assessment Methods:

- ClassTech Assessment Team will define an assessment model that incorporates technology, pedagogy, learners, environment and outcomes.
- Survey of all faculty who use rooms, each semester. Longer faculty survey each spring, include questions related to the dimensions of our assessment model.
- Automated system which tracks use of technology within many of the rooms. (Working to implement a tracking system for remaining rooms.)
- Interviews with faculty and observations of classrooms of 20 courses based on purposeful sampling technique. Gather samples of student work to assess student learning.
- Student surveys of selected classrooms.
- Focus group with technical staff.
- Problem tracking logs from technical staff on type, quantity and severity of problems.