



Day 2

Using Educational Technology Services to Support Your Large Enrollment Course

Educational Technology Services (ETS) is a central campus unit that provides support to instructors who are interested in using technology to enhance the classroom experience. This includes a range of activities, from using a DVD player to show a film during class to maintaining a course website to videoconferencing with an expert in the field.

Preparing Your Classroom

- Check the ETS Room Info database to find out what equipment is already available in your classroom (e.g., data projector, DVD player, AirBears). <http://ets.berkeley.edu/ClassroomTechnology/RoomInfo/>
- If you need to use equipment that is not already installed in your classroom, use av.berkeley.edu to make a reservation. Equipment can be picked up from the check-out counter at Dwinelle 44. <http://av.berkeley.edu>

Using Learning and Collaboration Tools

- bSpace is a flexible, integrated system that allows instructors to easily distribute materials and facilitate collaboration activities online. bSpace can be used to support not only courses, but also research projects, committee activities, and any other type of collaboration. <http://bSpace.berkeley.edu>
- Through the ETS webcast service, instructors can make lectures available worldwide via streaming video and audio. Webcast courses include both video and audio; podcast courses are audio only. <http://webcast.berkeley.edu>
- Videoconferencing opens a world of possibilities for communication to faculty and students. ETS can connect your class to the world. <http://ets.berkeley.edu/Teleconferencing/>

Gaining Skills

- ETS offers consultations for faculty who are interested in using our services. You can get one-on-one assistance designing your bSpace site, meet with an expert before you begin webcasting your class, or work with a technician to familiarize yourself with the equipment installed in your classroom.
- Workshops are available to help faculty and GSIs learn the skills they need to effectively use technology tools to support teaching and learning activities. Currently, ETS offers workshops on using bSpace, PowerPoint, and Photoshop

Elements (an image processing program). Workshop dates and registration forms are listed on the ETS website.

<http://ets.berkeley.edu/TrainingSupportCenter/>

- The ETS Faculty Lab, located in 4 Dwinelle, is equipped with scanners and a video capture station. After an initial consultation to learn how to use the equipment, faculty can reserve the room and digitize class materials.
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Software Ideas

Microsoft Office (StarOffice and Open Office are alternatives to Microsoft)

Word: Use the Track Changes feature of Word to comment directly on student papers.

PowerPoint: Display a slideshow in class or use the animation features to build a concept.

Excel: Export your class gradebook from bSpace and use Excel to create histograms or apply your customized grading formulas.

Personal Response Systems

This "clicker" technology empowers instructors to evaluate student comprehension on-the-spot and engage students in the topic being discussed. PRS are available in Pimintel and VLSB. Instructors teaching in these rooms can coordinate with the bookstore to equip students with the clickers.

Additional Campus Services

Berkeley Language Center <http://blc.berkeley.edu/>

Supports the learning and teaching of heritage and foreign languages on the Berkeley campus

Center for New Media <http://cnm.berkeley.edu/>

Works to inform and help direct the design of future media

Media Resources Center <http://www.lib.berkeley.edu/MRC/>

UCB Library's primary collection of materials in electronic non-print (audio and visual) formats

Regional Oral History Office <http://bancroft.berkeley.edu/ROHO/index.html>

Conducts, teaches, analyzes, and archives oral and video history documents

Workstation Support Services <http://facility.berkeley.edu/>

Support general access and instructional computer labs

The Scholar's Workstation <http://www.tsw.berkeley.edu/>

Sales outlet of computers and computer software for individuals and departments at Berkeley