

Rethinking Computer Labs - Transformation or Obsolescence?

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Collective Knowledge Building Activity

1A. What are some goals for new-style computer labs?

- More specialized academic software
- Group project areas
- Multimedia equipment
- Built in capabilities for mobile computing (power, data, etc)
- Student data storage
- 24x7 Access
- Comfortable environment
- UPS/Power backup
- Helpdesk staffing lab. Well paid
- Large displays/monitors
- Large/untouchable budget
- Cross platform hardware
- Monitor student use in teaching spaces

1B. What are some goals for new-style computer labs?

- Flexible/multi-platforms
- Social/collaborative learning
- Multimedia creation access
- Energy star
- Reconfigurable
- Cost-efficient
- Coffee
- Used often
- 24/7
- Robust high speed, high performance test
- Network delivered software stations
- Rare expensive software
- Support services
- Local storage?
- Rare/expensive peripherals
- Network storage certainly
- Smartboards
- Teamspot
- Collaborative space
- Comfortable!
- Library resources
- Academic support
- Seats available info online
- Training appts/support available
- Training materials

- Visualization wall

2A. What links to pedagogy should be built into the facility/program?

- Software that faculty request
- Access to library databases
- Making certain that facility can be used as a classroom
- Faculty involvement in lab design, maintenance
- Access to “exotic” hardware
- Super laser printers

2B. What links to pedagogy should be built into the facility/program?

- Open-source projects
- Project-based learning
- Collaboration
- Assessment
- Location e.g. near microscopes
- Time on task
- Discipline specific software
- Special needs students
- Diverse learning styles
- Access to domain-specific software (e.g. mac platform)
- Consolidated resources/tools
- Blended classes
- Printing multimedia

3A. What campus or other partners could/should you work with?

- Registrar
- Student affairs
- Facilities/planning
- Library
- Central IT
- Students/student life
- RLH (housing)
- Faculty/academic affairs/academic depts.
- Vendors
- Student support
- Community (access)
- Writing ADA
- Tutor
- Academic advising
- Finance
- Grants/gifts/development
- Marketing PR/admissions

3B. What campus or other partners could/should you work with?

- Facilities/space planners
- Accessibility experts
- IT vendors
- Academic deans & chairs
- Faculty who use current facilities
- Ergonomics expert
- Student govt./groups
- Library personnel
- Faculty advisory committees
- IT security
- Physical security/public safety
- AV

4A. What are types and campus locations for computer labs?

- Learning clusters
- Teaching space
- Collab. Space
- Accessibility kiosk type
- Former classrooms
- Specialized (UNIX, A/V language, platform applications)
- Different sizes
- Classroom double duty
- Where:
- Dorms
- Library
- Student center
- Basements
- Academic buildings
- Based on discipline
- Departmental lounge

4B. What are types and campus locations for computer labs?

- Centralized
- Near IT
- Library (G.L.)
- Faculty dev. Lab
- De-centralized
- Classroom buildings
- Res. Hall (24/7)
- Mobilized carts
- Student unions
- Acad. Dept specific
- Specialized lab

- MM labs