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What Works? Envisioning Learning Spaces that Enhance Learning

On the introductory worksheet, please comment on how each of the following issues is relevant to your institution’s effort to design and support learning spaces:

Teaching and Learning
Planning and Funding
Time and Space Management
Standards and Support

NLII Annual Meeting, January 2005
Session Documents: http://www.ncsu.edu/classtech/nlii2005/
Session Agenda

• Review of NC State’s progress
• Breakout: Discussion of strategic issues
• Report on strategic issues
• Summary
Drivers for Change

- Pedagogical needs, supported by technology, have emerged
- $525M in new capital projects will increase number of classrooms by 20%
- NC State’s quality enhancement plan for Learning in a Technology Rich Environment (LITRE)
Initial Efforts

- Classroom Environment Committee
- Ad Hoc Classroom Improvement Group
- Learning in a Technology-Rich Environment
LITRE Faculty Survey (2003)

• **Why:** Inform recommendations of LITRE and provide baseline for future LITRE efforts

• **Who and What:** Faculty were surveyed about their experiences with computer-based instructional and learning aids. 1,790 faculty were invited to participate in the survey. 983 did—a response rate of 55%.

• **Indicator:** Respondents were asked what would make it easier to use the technologies that they *did* use in their courses: “If they were available and supported in the classrooms in which I typically teach” was chosen most often, 37% of the time.

• See [http://litre.ncsu.edu](http://litre.ncsu.edu) for survey report and instrument.
Initial Outcomes

- ClassTech I Pilot Project
- First wave, learning space initiatives within LITRE
LITRE First Wave Initiatives

- SCALE-UP Classroom Investments
- Student Group Collaboration Space (Flyspace)
- ClassTech II
- Classroom Improvement Plan
  - Encouragement of learning
  - Protection of college investments
  - Flexible scheduling
  - Responsive faculty support
  - Catalog/inventory of available technologies
  - Coordinated support and maintenance

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Progress to Date

- Involvement of and communication across service units
- Space and technology inventory
- Enhanced scheduling
- Access to inventory database
- Commitment to evaluate/update standards
- Retreat
NC State’s Critical Learning Space Issues

- Develop a campus-wide strategic plan for improvement;
- Assure consistent yearly funding for support, facilities and equipment;
- Improve communication in all aspects of scheduling, design, maintenance, support and users;
- Provide consistent faculty training and A/V support for all learning spaces;
- Provide secure and available learning spaces;
- Provide efficient scheduling procedures to meet the needs of faculty, staff and students;
- Assess teaching and learning needs of faculty and students;
- Design and implement standards that are adaptable and user friendly;
- Deal with the issue of learning space ownership.
Four Strategic Dimensions

- Teaching and Learning
- Planning and Funding
- Time and Space Management
- Standards and Support
Breakout

- Four groups
- Identify a reporter
- Move?
- Answer discussion questions (see handout) for your strategic issue
“Eureka”s
Summary and Final Exercise

• Return to introductory worksheet and record ideas
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Resources

• Quality Enhancement Plan for Learning in a Technology-Rich Environment at NC State:
  http://litre.ncsu.edu/pdf/litre_qep.pdf

• 2003 LITRE Faculty Survey Report:
  http://litre.ncsu.edu/fac_sur.pdf

• Classroom Technology @ NC State:
  http://www.ncsu.edu classtech/

• Educause Resources on Learning Space Design:
  http://www.educause.edu/Browse/645&PARENT_ID=696

• Session Documents:
  http://www.ncsu.edu classtech/nlii2005/