

Internet in the Classroom

Presented by:

Jason B. Walker

and

Darryl D. Ray

Department of Landscape Architecture

Mississippi State University

Our New Landscape Architecture Facility: A Learning Environment

- The Facility is a teaching & learning tool for:
 - Energy-use
 - Building Materials
 - Sustainable Development
 - Demonstration Gardens



LA Facility

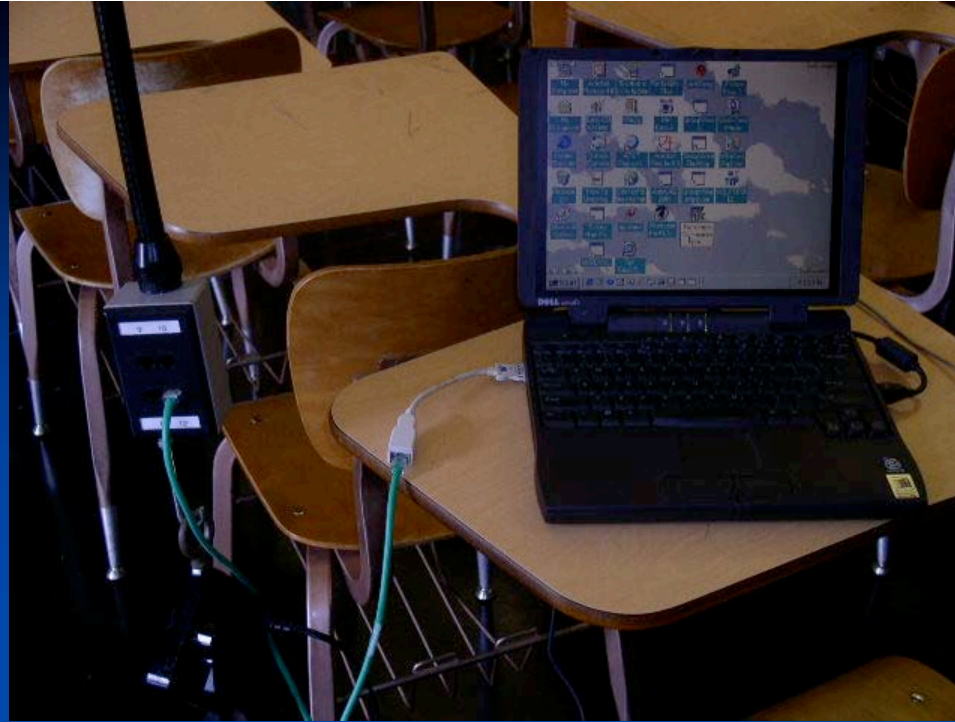
Landscape Architecture Facility Master Plan



Our New Landscape Architecture Facility: A Learning Environment

- Supplementing the Building
 - Incorporation of technology
 - High-speed Internet connections
 - Multiple electrical outlets
 - Digital boxlight projectors with drop-down screens
 - Flexible connections
 - Multiple uses

Technology
Lecture



Typical
Technology
Setup

Technology
Classroom



Why is technology important in the classroom?

- Students utilize the Internet on a daily basis
- Encourages participation
- Increases attentiveness
- Rapid information exchange
- Visual aids improve retention
- Comprehension of large amounts of data
- Credibility/Validation of course material
- Image of Instructor is enhanced
- Students enjoy – Student Course Evaluations

How is the internet used in the classroom?

- To supplement lecture materials in Landscape Architecture and Landscape Contracting & Management Courses
 - Research / Sources
 - Examples of built works, case studies, etc.
 - Up-to-date product descriptions, production rates and cost
 - Interactive sources to enrich the learning experience
 - Design and Construction Policy

Classroom Examples Incorporating the Internet into the Course

THE BEGINNING – It wasn't all bad...(cont'd)

- Thirdly, Alister Mackenzie and Robert Tyre “Bobby” Jones designed and built The Augusta National Golf Club, in Georgia.
 - Augusta National became known as the “Dream Course of Strategic Design”
- [Aug Nat Web Site](#)
- Fourthly, so many poorly designed and built courses in the 20's did survive the depression and were in great need of remedial design and construction work. This gave designers a good deal of work.

What are some examples of such specialty areas or codes?

1. The Uniform Plumbing Code
2. The Uniform Mechanical Code
3. National Electric Code
4. Uniform Fire Code
5. Water/Air Pollution Standards – EPA
6. Erosion & Sediment Control – (MDEQ)
7. U.S. Dept. of Energy – Building Energy Codes
8. Noise Pollution – Local
9. Art and Landscape Regulations
10. Light Pollution

Lumber Grades con't

1. By Whom:

- Western Wood Products Association (WWPA)
- West Coast Lumber Inspection Bureau (WCLIB)
- American Lumber Standards for Softwood (ALSS)
- National Bureau of Standards (NBS)
- American Wood Preserver's Association (AWPA)

Conclusion

- Connecting with today's students is a growing concern, however, one method of connecting is as simple as plugging into and incorporating the internet in the classroom.
- The students benefit through incorporating the internet as a teaching technique by bolstering their attentiveness and increasing their in-class participation.

References

- Castellani, John D. 2000. "Strategies for Integrating the Internet Into Classrooms for High School Students with Emotional and Learning Disabilities." *Intervention in School and Clinic*, (35)5: 297-305.
- Graves, Pat R. and Joyce Kupsh. 1993. *How to Create High Impact Business Presentations*. Chicago, IL: NTC/Contemporary Publishing Company.
- Schrock, Kathy. 2001. "Tapping the Internet for Classroom Use." *Multimedia Schools*, (8)2: 38-43.
- Zenios, M. Goodyear, P, and C. Jones. 2004. "Researching the impact of the networked information environment on learning and teaching." *Computers & Education*, (43): 205-213.