Tablet PC Enhanced Curricula
Richard Anderson, Ruth Anderson, Oliver Chung, K. M. Davis, Peter Davis, Craig Prince, Valentin Razmov

Classroom Networks
- Increase student engagement by providing logistical support for active learning
- Provide feedback to instructors on the level of student understanding
- Enable students to contribute materials that can be shown on a public display in support of classroom discussions
- Take advantage of the flexibility and expressiveness of digital ink to support rich communication

Classroom Presenter
- Tablet PC-based classroom interaction system
- Supports inking on slides to integrate slide-based content with digital ink
- Student devices can be used to send digital ink artifacts to the instructor; artifacts can then be shown to the entire class
- Designed for classroom use
  - Embedded instructor notes
  - High quality digital ink
  - Flexible navigation features
  - Ability to capture and export student and instructor writing
- Used in classrooms with wireless networks
- Built on top of ConferenceXP 3.1

Computer Science Curriculum
- Developing slide-based materials to support interactive ink-enabled curricula
  - Lecture slides designed for inking
  - Student submission activities
- Deploying and testing materials in UW Computer Science courses
  - Data Structures (326)
  - Digital Design (370)
  - Software Engineering (403)
  - Algorithms (421)
  - Tablet PC Capstone (490RA)
- Refining Tablet PC-based pedagogy
- Developing best practices guide
- Distributing course materials

Classroom Presenter is free for educational and non-commercial use. It is available from: www.cs.washington.edu/education/dl/presenter/

For more information contact:
Professor Richard Anderson
Dept. of Computer Science and Engineering
University of Washington
anderson@cs.washington.edu

http://www.cs.washington.edu/education/dl/presenter/