BEGINNING TO END AND EVERYTHING IN BETWEEN

Susan Caldiero
Cosumnes River College
Mathematics Department
8401 Center Parkway
Sacramento, CA 95823 USA
caldies@crc.losrios.edu

Linda DuCray
Cosumnes River College
Mathematics Department
8401 Center Parkway
Sacramento, CA 95823 USA
ducrayl@crc.losrios.edu

The presenters, whose online algebra class was awarded the 2004 Technology Focus Award from the Foundation for California Community Colleges, discuss the difficulties and roadblocks involved in transforming a traditional lecture class to a fully online course.
The Beginning

- Applied for a Sabatical Leave to Research the Computerized Software Available for a Hybrid Class
- Attended workshops for Academic Systems, Phim 1, Quant, and Alec
- Converted a traditional class into a hybrid class with 2 days a week spent on the computer
- Received Training from Publisher
The Next Step... Converting to an online class.

Reasons for an Online Class?

- Difficulty finding sufficient number of classrooms
- Success with previously taught hybrid classes
- Audience ready for an online class
Things to Consider

- Website
- Managing E-Mail
- Choosing a Program for Student Use
- Flexible Timeline
- Building a Course with the Same Expectations as aTraditionally Taught Course
- Consideration of offering the same learning style for all developmental math classes
Solving the Problem of a Website

- Using the Summer Institute for Blackboard at Csummeres

- Free Online Websites offered by math url’s on the internet

- @ One Workshops for Designing a Website

- Department support for training costs
@ One Workshops

@ One is a learning facility for California Community Colleges that helps faculty to enhance their instruction through the use of technology.
Getting a WebSite

Online sites that offer Free Website

- http://www.exploremath.com/
- http://www.explorescience.com/
- http://geocities.yahoo.com/

Attending a Summer Institute at an Institution Near you

Be aware that there are different programs that you can use to design a website. **Dreamweaver** and **Front Page** are just two of the ones available.
Expansion of Offerings

- All developmental courses have at least one online class offering
- Demand for Beginning Algebra has increased to two classes each semester
- Capped the class size to 40
Where we were then....
Where we are now

• Mandatory on campus orientations
• Mandatory on campus testing
• Mandatory contact from student to instructor before the beginning of the semester
• Required handouts to be turned in at the time of testing
• Used Phim 1 and Phim 2 exclusively
• NOW????
Where we would like to see it go!

- Offering Statistics online
- Improved testing center
- Other sites willing to proctor our exams for students outside of the area
- Hybrid classes offered for transferable classes
What We Have Learned

- Prepare Ahead
- Time and student management
- Don’t reinvent the wheel
- Know your students
  - Needs
  - Times they work
  - Which are the needy students