



THE COUNCIL OF  
INDEPENDENT COLLEGES

## A Learning-Centered Approach to Faculty Development

Creating LCFD Goals

### Context

- “First generation” faculty development focused on the **technology**
- “Second generation” is shifting to **pedagogical effectiveness**
- Goal is to develop LCFD goals that make an **explicit connection** between pedagogy & technology

May 30-June 1, 2001      CIC Teaching & Learning  
Workshop

### Question

- “If I could fix one thing in my class it would be . . . .”
  - Focus on teaching and learning
  - Can’t talk about technology

May 30-June 1, 2001      CIC Teaching & Learning  
Workshop

### If I could fix one thing ...

- have students be prepared for class.
- have my students spend enough time in the class material.
- have them read the text.
- it would be to help them apply the content.
- If I use active learning strategies, how do I get in all the content?

May 30-June 1, 2001      CIC Teaching & Learning  
Workshop

What I wanted to fix...

- Students don't seem to be "getting it"
- The "tyranny of the lecture"

May 30-June 1, 2001      CIC Teaching & Learning Workshop

Goals

- Find an approach to move from "stage" to "side"
- Reduce time spent on lecturing
- Open up class time for active learning

May 30-June 1, 2001      CIC Teaching & Learning Workshop

Goals

- Focus more on understanding and application than on recall . . .
- . . . while not sacrificing presentation of the factual base
- Provide students with more control over their own learning

May 30-June 1, 2001      CIC Teaching & Learning Workshop

Goals

- Give students a greater sense of responsibility for their own learning
- Provide students with more opportunities to learn from their peers

• **Key: Use IT in pedagogically effective ways**

May 30-June 1, 2001      CIC Teaching & Learning Workshop

### Seven Principles For Good Practice

1. Encourages contacts between students and faculty
2. Develops reciprocity and cooperation among students
3. Uses active learning techniques
4. Gives prompt feedback
5. Emphasizes time on task
6. Communicates high expectations
7. Respects diverse talents and ways of learning

Chickering & Ehrmann's "Seven Principles" (Handout)

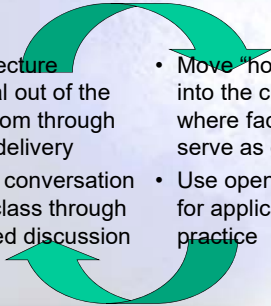
May 30-June 1, 2001      CIC Teaching & Learning Workshop

### Nat'l Study of Student Engagement

- Dimensions of Quality
  - Level of Academic Challenge
  - Active & Collaborative Learning
  - Interaction with Faculty
  - Enriching Educational Experiences
  - Supportive Campus Environment

May 30-June 1, 2001      CIC Teaching & Learning Workshop

### The Classroom Flip



- Move lecture material out of the classroom through online delivery
- Move "homework" into the classroom where faculty can serve as guide
- Extend conversation out of class through threaded discussion
- Use opened up time for application and practice

May 30-June 1, 2001      CIC Teaching & Learning Workshop

### Enabling Technologies

- Web pages
- Online discussion areas
- Online quizzes
- Online student presentations
  
- Stand alone or in a CMS

May 30-June 1, 2001      CIC Teaching & Learning Workshop

What should faculty know?

- Pedagogical skills
  - How to lecture effectively
  - How to use discussion effectively
  - How to structure learning experiences
  - How to work with students in learning groups
  - Testing & evaluation
  - Use of feedback

May 30-June 1, 2001      CIC Teaching & Learning  
Workshop

What should faculty know?

- Technical Basics
  - How to use the operating system
  - Understand file structures
  - Have facility with productivity software

May 30-June 1, 2001      CIC Teaching & Learning  
Workshop

What should faculty know?

- Technical Specifics
  - How to create presentations
  - How to create Web pages
  - How to use threaded discussion
  - How to use a chat room
  - How to create an online quiz, including scoring and feedback functions

May 30-June 1, 2001      CIC Teaching & Learning  
Workshop

Working toward goals

- How can you determine the needs of your faculty?
- What are their technical abilities?
- What are their learning styles?
- What resources are available?
  - Human resources
  - Technical resources
- Who are your “change agents”?

May 30-June 1, 2001      CIC Teaching & Learning  
Workshop