

**Using Classroom Assessment Techniques to Understand Student Learning**  
**CATL Workshop**  
**Patrick Barlow, Assessment Coordinator**  
**CAT Planning Guide**

**Brainstorm #1**

**Which one of your courses appears to be a good spot to try a CAT?**

**Which lesson or topic in that course would you like to investigate via a CAT? (i.e. are there any concepts your students seem to struggle with, any needs for data on a new pedagogy you are trying?)**

**Brainstorm #2**

**Based on your ideas from Brainstorm #1, plan out a possible use of a CAT (whether one we have seen or one you create).**

**Some other issues to consider:**

- **When you would make use of this strategy? (i.e. at beginning, middle, end a class session)**
- **Would you review immediately in class? Review and bring back to the next class?**
- **Do you think you would just review or try to do a quick feedback (+, √, or -) on each item to return to students?**

## Some other tools to assist with your use of CATs

### Teaching Goals Inventory (Angelo & Cross, 1993)

- Focused tool (53 items) on understanding your goals of instruction
- Can be used in conjunction with the CATs book (pg113) to identify specific techniques that may suit your goals.
- Paper Version in Angelo & Cross (1993)
- Online version: <http://centeach.uiowa.edu/tools.shtml>

<u>Goals of Instruction</u>	<u>Possible CAT to employ<sup>2</sup></u>
1. Higher Order Thinking Skills	One Sentence Summary
2. Basic Academic Success	The Muddiest Point
3. Discipline Specific Knowledge & Skills	Application Cards
4. Liberal Arts and Academic Values	Pro and Con Grid
5. Work and Career Preparation	One Sentence Summary
6. Personal Development	Reading Rating Sheets

### For Further Reading:

- Angelo, T. A, & Cross, K. P. (1993). *Classroom Assessment Techniques: A Handbook for College Teachers*. (2<sup>nd</sup> ed.) San Francisco: Jossey-Bass (available from CATL for checkout)
  - Angelo, T. A. (ed). (1998). Classroom assessment and research: An update on uses, approaches, and research findings. *New Directions for Teaching and Learning*, 75. San Francisco: Jossey-Bass.
  - Cross, K. P., & Steadman, M. H. (1996). Classroom research: Implementing the scholarship of teaching. San Francisco: Jossey-Bass.
- 
- <sup>2</sup>Murray, S. (August, 2006). Using Classroom Assessment Techniques, 8<sup>th</sup> Annual UWL Conference on Teaching and Learning.