

Multiple Measures



What Kind of Measures?

- 4. Institutions use multiple measures for effective assessment, including
 - at least one direct measure per Core Objective.
 - Externally informed benchmarks are encouraged.

AND...

- 3. Faculty participation is integral throughout the assessment cycle.
- 2. Institutions use assessment of the Core Objectives to improve student "learning"

http://www.thecb.state.tx.us/index.cfm?objectid=6F049CAE-F54E-26E4-ED9F0DAC62FABF7D

What does this mean?

Certain definitions are helpful in considering assessment -

- Assessment cycle The systematic collection, review and use
 of evidence for the purpose of improving student learning.
- Direct measure Students' demonstration of learning.
- Indirect measure Students' perceptions of their learning or other measures not derived directly from student work.
- Externally informed benchmarks Targets for student attainment set by and/or in collaboration with constituencies outside the institution. Examples include advisory boards, peer institutions and national norms.

Frequency and sampling

Tests & artifacts – judgment?

Surveys..

Texas Tool Kit

-- from the THECB web page

How do they expect us to measure . . .

- Teamwork
- Social Responsibility
- Personal Responsibility

e.g., Teamwork

Able to demonstrate that they

- ✓ consider different points of view.
- ✓ work effectively with others to support a shared purpose or goal.

e.g., Personal Responsibility

Able to <u>connect</u> choices, actions, and consequences to ethical decision-making.

e.g., Social Responsibility

- 1. Intercultural competence
- 2. Knowledge of civic responsibility
- 3. Ability to engage effectively in regional, national, global communities.

SEE CTC PROJECTS

What are some KEY INDICATORS

- Of Intercultural competence
- Of Knowledge of civic responsibility
- Of Engagement in regional, national, global communities (or Ability to engage

Instruments = Data collection devices

- ✓ Cognitive quiz, test, survey . . .
- "authentic" paper, performance, project . . .

Which is more challenging to score consistently across instructors?



PROPOSAL - Strands of evidence

Develop Institutional tool kit

- 1. Instructors review their own syllabus for key indicators of any element of a core objective.
- 2. Provide the tool (prompt and scoring method).
- 3. Instructors check the toolkit & select useful tools for their own course; indicate selected.

Reporting – Institutional data collection

- 1. As results are scored, add scores to data collection site.
- 2. Organize *element* scores to provide supporting evidence for achievement of core objectives Institutional Assessment / IE personnel with faculty reps.

Create externally informed benchmarks – Texas pilot group

- 1. As results are scored, add scores to data collection site.
- 2. Organize element scores to provide supporting evidence for achievement of core objectives
- 3. Prepare for 2013 C5 conference

Process

- 1. Our research group volunteers (this is you)
- 2. Form discipline-based or objective-based cadres stay in touch.
- 3. Comb your syllabus for 1-5 Key Indicators of an element of a core objective
- Define your activity & measure; share it with your cadre and place it in the toolkit
- Cadre members test it & discuss results
- 6. Revise tool . . . Report results

Results

- 1. As results are scored, add scores to data collection site.
- Organize element scores to provide supporting evidence for achievement of core objectives
- 3. Prepare for 2013 C5 conference

To join a cadre . . .

✓ or find out more, contact jane.zimmerman@ctcd.edu

