Technology-based student learning assessment

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Office of Educational Innovation and Evaluation (OEIE)

- established as an administrative unit in the COE in 2000 to meet the demand for support of evaluation services and externally funded project proposal development.

- mission is to provide program evaluation, project development and grant preparation services; develop, design and evaluate collaborative innovative programs; connect multiple disciplines and organizations in collaborative program and research endeavors.

- multidisciplinary staff that includes evaluators, project and computer specialists, and graduate and undergraduate research assistants.
Collaboration with Unit Assessment Committee

- OEIE collaborates with the Unit Assessment Committee to refine instrumentation, and collect and analyze data.

- Provides the COE with information to make programmatic decisions.
Data Collection

- student learning assessment via hard-copy instruments
- integrated, comprehensive system
- streamline the process
Assessment System Options

- commercial systems are available

- these systems do not provide flexibility that reflect how COE conducts their assessments

- COE decided to build their own customizable system with OEIE
Assessment System

- preliminary work focused on a few instruments
- forms developed in collaboration with the Director of Assessment, Unit Assessment Committee, and faculty
- expanded to incorporate more forms
- slowly became part of the culture
Data Analysis and Reports

- creating meaningful reports and analysis of data is what really helps in making programmatic decisions

- with assessment data in the right format, the possibilities are endless

- automated database reports can be tailored to the type of trends and information needed
DEMONSTRATION
The Role of Technology in Assessment

- technology itself is not a solution
- technology should be used to streamline the process, not make it more difficult
- on-line forms & relational databases generally mean greater data accuracy & more reporting options
The Role of Technology in Assessment

- students increasingly prefer electronic modes of communication
- target is always moving; don’t get locked into certain ways of doing things
- avoiding technology is not a [sane] option
QUESTIONS?