Using Blackboard for Institutional-Level Core Assessment: Capturing Big Data

By Karly Good
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Original Timeline
Development Team

- Instructional Technologist
- Information Technology
- Assessment Committee
- System Analyst
- Core Director
- Faculty
### Instructional Technologist

- **Spring 2012**: Review campus technology and possible ways to assess core.
- **Summer 2012**: First 2-section pilot to further develop SQL reports from BB db.
- **Fall 2012**: Create rubrics in non-hosted BB. Develop SQL report from BB db.
- **Spring 2013**: Train Director and instructors for 13-section pilot.
- **Summer 2013**: Generate pilot data and final tweak to SQL reports.
- **Fall 2013**: Train faculty and implement assessment via BB.
- **Spring 2014**: Continued training and 2nd implementation via BB.
- **Summer 2014**: Use data to assess and develop future plans for sustainability.

### Assessment Committee

- **Spring 2012**: Review campus technology and possible ways to assess core.

### System Analyst

- **Summer 2012**: Generate pilot data and final tweak to SQL reports.
- **Fall 2012**: Use data to assess and develop future plans for sustainability.

### Pilot Faculty

- **Spring 2013**: First 2-section pilot to further develop SQL reports from BB db.
- **Fall 2013**: Train faculty and implement assessment via BB.
- **Spring 2014**: Continued training and 2nd implementation via BB.

### Core Director

- **Summer 2012**: Develop SQL report from BB db.
- **Fall 2012**: Train Director and instructors for 13-section pilot.
- **Spring 2013**: Generate pilot data and final tweak to SQL reports.
- **Fall 2013**: Train faculty and implement assessment via BB.
- **Spring 2014**: Continued training and 2nd implementation via BB.

### Information Technology

- **Summer 2012**: Develop SQL report from BB db.
- **Fall 2012**: Use data to assess and develop future plans for sustainability.

### Faculty

- **Spring 2013**: Generate pilot data and final tweak to SQL reports.
- **Fall 2013**: Train faculty and implement assessment via BB.
- **Spring 2014**: Continued training and 2nd implementation via BB.
Current State
Student submission of Core Artifact or other evidence of performance

Course/Student Learning
(in the major, seminars, or any with iterations)
Students make progress on:
Core Learning Outcomes/Iterations
Course Learning Outcomes

May include one or more iterations:

Critical Inquiry
Information Literacy
Written Communication
Oral Communication
Quantitative Communication
Global Awareness
Vocation

Assessment via

Core Director and Core Oversight Committee
Course Development with Core Iterations
Core Implementation
Core Assessment

Feedback on Core Learning Outcomes

Core Assessment
Assessment of Core Foundations (Seminars)
Assessment of Core Iterations across the institution

Future Development:
Iteration Assessment within the Program/Department
Request data on Core Iterations in the Major

Assessment of Core Foundations
Assessment of Core Iterations across the institution

Data Collection

Faculty Development
Course Development with Core Iterations
Core Implementation
Core Assessment
Course/Student Learning
(in the major, seminars, or any with iterations)
Students make progress on:
Core Learning Outcomes/
Iterations
Course Learning Outcomes

May include one or more iterations

Critical Inquiry
Information Literacy
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Assessment via

Student submission of Core Artifact or other evidence of performance

Faculty Development
Course Development with Core Iterations

Core Implementation

Core Assessment
Student submission of Core Artifact or other evidence of performance

Core Director and Core Oversight Committee
Course Development with Core Iterations
Core Implementation
Core Assessment

Core Assessment
Assessment of Core Foundations (Seminars)
Assessment of Core Iterations across the institution

Data Collection

Rubric

Future Development: Iteration Assessment within the Program/Department
Request data on Core Iterations in the Major
Assessment of Core Iterations in the Major
SQL and SIS Reporting
If You Build it…

- What data do you want?
- What database do you find it in?
- System analyst writes the programming to match to develop a SQL report.
  - See Karly for samples of coding
Questions?

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