Introduction to NSSE 2.0

Key Points:
- Preserves what NSSE does well
- Builds on more than a decade in the field
- Addresses emerging issues
- Scholarly, rigorous, and collaborative development process

Primary Goals:
- Develop new measures related to effective teaching and learning
- Improve clarity and applicability of survey language
- Update terminology to reflect today’s landscape (e.g., growing online student population)
- Refine existing measures and scales, including Benchmarks

Development Process
- Internal committee work started in 2009
- Consultation with higher education experts
- Institutional feedback
- Beta item testing (2006 to 2011)
- Pilot testing in spring 2011 & 2012
- Student interviews and focus groups
New Content

- Teaching Clarity
- Quantitative Reasoning
- Learning Strategies
- Academic Advising
- Enriching Educational Experiences

Teaching Clarity
To what extent have your instructors...
- Used examples or illustrations to explain difficult points

Quantitative Reasoning
How often have you...
- Reached conclusions based on your own analysis of numerical information (numbers, graphs, statistics, etc.)

Learning Strategies
How often have you...
- Summarized what you learned in class or from course materials
**New Content**

**Academic Support**

**About how many times have you...**

- Met with an academic advisor to discuss your academic interests, course selection, and/or academic performance?

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**Revised Content**

- Collaborative Learning
- Higher Order Learning
- Student-Faculty Interaction
- Supportive Campus Environment
- Diverse interactions
- Writing
- Demographics

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**New Content**

**Enriching Educational Experiences**

**Which of the following have you done...**

- Hold a formal leadership role in a student organization or group

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**Revised Content**

**More straightforward wording**

- How much has your coursework emphasized...
  - **Current version** Making judgments about the value of information, arguments, or methods, such as examining how others gathered and interpreted data and assessing the soundness of their conclusions
  - **Pilot version** Evaluating a point of view, decision, or information source
Revised Content

Broader approach so a greater number of important activities get included

• How often have you...
  • Current version Tutored or taught other students (paid or voluntary)
  • Pilot version Explained course material to one or more students

Revised Content

Refined language for online learners

• How often have you...
  • Current version Asked questions in class or contributed to class discussions
  • Pilot version Asked questions or contributed to course discussions

Revised Content

Updated Items (simplifying)

Current version
  • During the current school year, about how much reading and writing have you done?
    • Number of written papers or reports of fewer than 5 pages
      None, 1-4, 5-10, 11-20, More than 20

Revised Content

Updated Items (simplifying)

Current version
  • During the current school year, about how many times have you written a paper, report, or other written assignment that was of the following length?
    • Up to 5 pages
      None, 1-2, 3-5, 6-10, 11-15, 16-20, More than 20
Pilot Administrations

Similar to standard NSSE administration
- All first-year and senior students invited, unless random sample requested by institution
- Web only

2011: 19 institutions
- 20,000 respondents; 28% response rate

2012: 58 institutions (results tbd)

Our Process

- Exploratory factor analysis
- Confirmatory factor analysis
- Cognitive interviews
- Focus groups
- Respondent comments
- Item Response Theory
- Concurrent, construct and predictive validity
- Institutional user feedback (focus groups)
- Other external review
  - National & Technical Advisory boards

Scale Properties*

<table>
<thead>
<tr>
<th>Content Area</th>
<th>Cronbach's Alpha</th>
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<tbody>
<tr>
<td>Collaborative Learning</td>
<td>.88</td>
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<tr>
<td>Higher Order Learning</td>
<td>.87</td>
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<tr>
<td>Teaching Clarity</td>
<td>.85</td>
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<tr>
<td>Quantitative Reasoning</td>
<td>.89</td>
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*Based on NSSE 2.0 Pilot 2011 data.

Future Plans

- 2nd Pilot Administration (Feb-March)
  - Student interviews and focus groups

- Analysis (April-May)

- NSSE 2.0 ready (June)
  - Unveiling at AIR (New Orleans)
  - 2013 Invitation to Participate
Future Plans

Modules (test with 2012 pilot)
- Civic Engagement
- Development of Transferable Skills
- Engagement with Diverse Perspectives
- Academic Advising
- Technology

Discussion Questions

- How will changes affect your longitudinal tracking, assessments, reporting, etc.?
- Any additional topical areas we should explore?
- What can NSSE do to ensure a smooth transition for institutions?
- Other module content you’d like to see?

Future Plans

Updating FSSE and BCSSE
- FSSE updated in 2013 along with NSSE
- BCSSE updated in 2013 (Summer)

Thank You