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Gen Ed Data Review Summaries 06/23/2016

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Math

SLO input:

- Grade distribution in 1310 (fall 2015) is: ABC's @ 69%; DFW's @ 31%
- They have a final examination which provides information specific to sub-skills
- Basically, for the final exam, approx. 70% of the students passed the first time; then a number who failed it, re-took it and did better
- N of test-takers, is 571; 16 course sections

Survey input:

- 91% of incoming freshman report having taken Algebra II
- Students coming to UNO have a 68% algebra proficiency (NESA)
- Entering confidence level varies from 25.5% (CIRP) to 69.4% (NSWS)
- Student views of their skills would appear to improve over time
 - Think critically: 73.4 to 80.5 to 81.3%
 - Analyze numerical/statistical info: 43.7 to 59.3 to 60.8%

Course Evaluations input:

- Lowest among the three areas: Communication, Composition, Math

CLA+:

- Analysis and Problem Solving:
 - Freshmen distribution: 1=1%; 2=18%; 3=45%; 4=30%; 5=6%; 6=0%
 - Senior distribution: 1=1%; 2=11%; 3=49%; 4=34%; 5=3%; 6=3%
- Scientific and Quantitative Reasoning:
 - Freshman mean score = 517
 - Senior mean score = 559

Sequential Learning Analysis:

- Good performance (based on grade awarded) in Pre-Intermediate Algebra appears to correspond with good performance in Intermediate Algebra and College Algebra.
- Good performance (based on grade awarded) in Intermediate Algebra appears to correspond with good performance in College Algebra and other courses (for those who continue in math).
- Good performance (based on grade awarded) in College Algebra appears to correspond to good performance in other math courses (for those who continue in math).

Writing/Composition

SLO input:

- In Fall 2015, they rated a sampling of student work (103 papers) from 12 class sections of Composition II
- Wholistic Scoring options from 2-10. Actual range of scores awarded was 2-9.
- Mean score was 5.47. The faculty acknowledge they are not pleased by this outcome
- They analyzed faculty status and delivery and see no differences.
- The scoring for these papers does not correspond well with grades awarded
- They have generated a number of recommendations.

Survey input:

- Students coming to UNO have a 76% proficiency in writing (NESA)
- Entering confidence level varies from 41.1% (CIRP) to 75% (NSSW)
- Satisfaction with UNO impact on their ability would appear to improve over time: 64.4 to 69.9 to 74.1%

Course Evaluation input:

- Second among the three areas: Communication, Composition, Math

CLA+:

- Writing Effectiveness:
 - Freshmen distribution: 1=1%; 2=17%; 3=43%; 4=31%; 5=8%; 6=0%
 - Senior distribution: 1=0%; 2=9%; 3=45%; 4=42%; 5=1%; 6=3%
- Writing Mechanics:
 - Freshmen distribution: 1=0%; 2=8%; 3=42%; 4=45%; 5=6%; 6=0%
 - Senior distribution: 1=0%; 2=5%; 3=20%; 4=68%; 5=5%; 6=1%

Sequential Learning Analysis:

- Good performance (based on grade awarded) in Comp I appears to correspond with good performance in Comp II
- There is a significant number of people who have good performance in Comp 1 who take no later English classes (and do not move on to Comp II)
- Of those who take Reading Strategies as a first English course and perform well, the majority go on to perform well in Comp I and Comp II
- Of those who take ESL I as a first English course and perform well, about equal percentages go on to ESL II, Comp I, and Comp II – and perform well. Again, a portion of that group take no more English
- Of those who take ESL II as a first English course and perform well, most go on to Comp I and Comp II and perform well.

Communication/Public Speaking

SLO input:

- 2009 Gen Ed assessment (Speech 1110) based on student critique of 'A' speeches and 'C/D' speeches.
 - Results for the 'A' speeches test -- The mean rating of the speech was a 4.1 (scale was 0-4.5)
 - Results for the 'C/D' speeches test – The mean rating was a 1.7 (scale was 0-4.5)
 - So this means the students did a good job of differentiating the difference between an excellent speech and a poor speech.
- 2013 Oral Communication assessment:
 - Overall competency ratings - 95.5% (range of sub-scores from 92.7-96.4%)
 - N=82, Fall 2011, Speech 1110 classes
- 2015 Gen Ed assessment (CMST 1110):
 - Looked at support services and materials; more of an evaluation of their e-textbook package; did not deal with student achievement

Survey input:

- Entering confidence level varies from 25.8% (CIRP) to 75% (NSSW)
- Satisfaction with UNO impact on ability would appear to improve over time: 61.4 to 64.0 to 71.8%

Course Evaluation input:

- First among the three areas: Communication, Composition, Math

CLA+:

- Critique an Argument:
 - Freshmen mean score = 535
 - Senior mean score = 564

Sequential Learning Analysis:

- Good performance (based on grade awarded) in Public Speaking Fundamentals appears to correspond with good performance in Argumentation/Debate or Advanced Public Speaking.
- Most students take only one Communication course (among Public Speaking Fundamentals, Argument/Debate, and Advanced Public Speaking)