

High School Performance Linked to College Success

THE SAMPLE

- ▶ 354 of the 1376 students enrolled in Fall 2012 who graduated from high school in May 2012.

VARIABLES

- ▶ Compared high school English and math grades, ACT scores, and Accuplacer & MyMathTest scores to success in developmental and college level English, reading and math courses.

MATH ANALYSIS HIGHLIGHTS

- ▶ B or Better in HS Algebra 1 & 2 (N=165)
 - 88% Passed their math course, whether placed above the prescribed ACT or MyMath Test score or not.
- ▶ C or Worse in HS Algebra 1 and/or 2 (N=189)
 - 62% Passed their math course when placed according to the prescribed ACT or MyMath Test score. Of the 8 students placed above the prescribed score, 3 passed and 5 failed.
- ▶ Multiple Regression
 - Success in HS Algebra 2 correlated significantly to college math success above all other variables. (.007)

READING ANALYSIS HIGHLIGHTS

- ▶ **B or Better in 4 Years of HS English (N=181)**
 - 89% Passed their developmental reading or ENGL1113 course when placed according to the prescribed ACT or Accuplacer test score. Of the 21 placed above the prescribed score, 20 passed and 1 failed.
- ▶ **C or Worse in at least 1 of 4 Years of HS English (N=173)**
 - 62% Passed their developmental reading or ENGL1113 course when placed according to the prescribed ACT or Accuplacer test score. Of the 21 students placed above the prescribed score, 11 passed and 10 failed.
- ▶ **Multiple Regression**
 - Success in HS English 4 correlated significantly to college reading/English success above all other variables. (.014)

WRITING ANALYSIS HIGHLIGHTS

- ▶ B or Better in 4 Years of HS English (N=181)
 - 90% Passed their developmental writing or ENGL1113 course when placed according to the prescribed ACT or Accuplacer test score. Of the 11 placed above the prescribed score, 8 passed and 3 failed.
- ▶ C or Worse in at least 1 of 4 Years of HS English (N=173)
 - 62% Passed their developmental writing or ENGL1113 course when placed according to the prescribed ACT or Accuplacer test score. Of the 40 students placed above the prescribed score, 23 passed and 17 failed.
- ▶ Multiple Regression
 - Success in HS English 4 correlated significantly to college writing/English success above all other variables. (.014)

NEW ASSESSMENT PRACTICE

- ▶ Incoming students that have maintained grades of B or better in 4 years of High School Math, including at least one course with Algebra II as a prerequisite, can be placed directly into the following College Level Math courses: Math 1503, Math 1513, Math 1533 or Math 2013.
- ▶ Incoming students who have maintained grades of B or better in 4 years of High School English and have reading and English ACT scores of 17 or higher may be directly placed in ENGL 1113.

Math

Reading & Writing