

## Tracking Students from Basic Skills to College-Level Math and English Classes

### Purpose

Among students who were successful in the last level basic skills courses (Math/English), determine:

1. Percentage of students moved on to enroll in the corresponding next level/college-level course in Math/English within one academic year. (column E);
2. Success rates in the college-level course within one academic year (Column G).

### Method

Used successful student cohorts in Basic Skills courses English 040 and Math 029 for each term from Fall 2004 to Spring 2010. Students in English 040 cohort were tracked if they were successful in English 040 and enrolled in English 100 within one academic year (including winter and summer). Students in Math 029 cohort were tracked if they were successful in Math029 and enrolled in Math 115, Math 129, or Math 130 within one academic year.

|             | Column A           | Column B              | Column C=B/A         | Column D                | Column E=D/B              | Column F                   | Column G=F/D              |
|-------------|--------------------|-----------------------|----------------------|-------------------------|---------------------------|----------------------------|---------------------------|
|             | Math029 Enrollment | Math029 Success Count | Math029 Success Rate | College Math Enrollment | Moving on to College Math | College Math Success Count | College Math Success Rate |
| Fall 2004   | 579                | 337                   | 58%                  | 264                     | 78%                       | 127                        | 48%                       |
| Spring 2005 | 555                | 285                   | 51%                  | 154                     | 54%                       | 68                         | 44%                       |
| Fall 2005   | 501                | 238                   | 48%                  | 187                     | 79%                       | 108                        | 58%                       |
| Spring 2006 | 481                | 212                   | 44%                  | 133                     | 63%                       | 64                         | 48%                       |
| Fall 2006   | 518                | 289                   | 56%                  | 223                     | 77%                       | 98                         | 44%                       |
| Spring 2007 | 455                | 227                   | 50%                  | 146                     | 64%                       | 84                         | 58%                       |
| Fall 2007   | 550                | 270                   | 49%                  | 192                     | 71%                       | 115                        | 60%                       |
| Spring 2008 | 436                | 202                   | 46%                  | 139                     | 69%                       | 85                         | 61%                       |
| Fall 2008   | 540                | 280                   | 52%                  | 207                     | 74%                       | 123                        | 59%                       |
| Spring 2009 | 462                | 277                   | 60%                  | 209                     | 76%                       | 123                        | 59%                       |
| Fall 2009   | 517                | 334                   | 65%                  | 246                     | 74%                       | 135                        | 55%                       |
| Spring 2010 | 381                | 228                   | 60%                  | 157                     | 69%                       | 78                         | 50%                       |

|             | Column A           | Column B        | Column C=B/A         | Column D                   | Column E=D/B                 | Column F                      | Column G=F/D                 |
|-------------|--------------------|-----------------|----------------------|----------------------------|------------------------------|-------------------------------|------------------------------|
|             | Engl040 Enrollment | Engl040 Success | Engl040 Success Rate | College English Enrollment | Moving on to College English | College English Success Count | College English Success Rate |
| Fall 2004   | 430                | 282             | 66%                  | 216                        | 77%                          | 147                           | 68%                          |
| Spring 2005 | 503                | 287             | 57%                  | 164                        | 57%                          | 115                           | 70%                          |
| Fall 2005   | 625                | 374             | 60%                  | 284                        | 76%                          | 193                           | 68%                          |
| Spring 2006 | 578                | 313             | 54%                  | 173                        | 55%                          | 119                           | 69%                          |
| Fall 2006   | 669                | 410             | 61%                  | 309                        | 75%                          | 227                           | 73%                          |
| Spring 2007 | 520                | 261             | 50%                  | 146                        | 56%                          | 113                           | 77%                          |
| Fall 2007   | 646                | 368             | 57%                  | 205                        | 56%                          | 158                           | 77%                          |
| Spring 2008 | 455                | 250             | 55%                  | 173                        | 69%                          | 139                           | 80%                          |
| Fall 2008   | 675                | 463             | 69%                  | 307                        | 66%                          | 256                           | 83%                          |
| Spring 2009 | 420                | 283             | 67%                  | 145                        | 51%                          | 118                           | 81%                          |
| Fall 2009   | 635                | 469             | 74%                  | 337                        | 72%                          | 281                           | 83%                          |
| Spring 2010 | 320                | 207             | 65%                  | 183                        | 88%                          | 162                           | 89%                          |

\*Success/successful is defined as receiving a grade of A, B, C, or Credit.

Records with blank grades were not included in any of the counts.

\*\* We chose to track Spring and Fall cohorts only. Summer and Winter terms are included in tracking those cohorts.