

Developmental Course Study

January 5, 2021

Fall 2016-Summer 2020

Submitted by Brandi Nelson

Purpose

In 2010, the SBHE approved Policy 402.1.2, which established guidelines for identifying students who may require developmental courses prior to enrollment in ENGL 110 or MATH 103 or any other college-level English or math course.

Prior to implementation of this policy, LRSC delivered ASC 084 Critical Reading, ASC 086 Writing Basics, ASC 091 Pre-Algebra, ASC 092 Beginning Algebra, and MATH 102 Intermediate Algebra as developmental courses.

In response to this policy, LRSC modified its developmental course offerings and, effective Fall Semester 2012, began offering ASC 086 Preparatory English, ASC 088 Composition Lab, ASC 091 Algebra Prep I, ASC 092 Algebra Prep II, and ASC 093 Algebra Prep III. Effective Fall Semester 2016, LRSC discontinued ASC 091 Algebra Prep I.

The following data provides information enrollment and success rates of students enrolled in developmental English and math courses between Fall Semester 2016 and Summer Semester 2020. Students were then tracked to determine, of those students who completed a developmental course, how many successfully completed a subsequent college-level course.

LRSC Procedure

To comply with SBHE Policy 402.1.2, LRSC implemented the following procedures for placement into college courses.

A. English Placement

1. Students with an ACT English score of 18 or higher or an equivalent assessment may enroll in English 110 or any other college-level English course.
2. Students with an ACT English score of 14-17 or an equivalent assessment may take ENGL 110 if co-enrolled in ASC 088.
3. Students with an ACT English score of 13 or lower or an equivalent assessment must complete ASC 086 prior to taking ENGL 110.

B. Math Placement

1. Students with an ACT Math score of 21 or higher or an equivalent assessment may enroll in MATH 103 or any other college-level math course.
2. Students with an ACT Math score of 19-20 or an equivalent assessment may enroll in ASC 093.
3. Students with an ACT Math score of 18 or lower or an equivalent assessment may enroll in ASC 092.

Definitions

For the purpose of this study, a successful grade is A, B, C, D, P, or S. An unsuccessful grade is F, U, or W. If a student was enrolled in a developmental course, but dropped the course before the last day to drop without record, they are not included in this study.

Developmental Course Enrollment and Success Rates

The following data shows the number of students enrolled in developmental courses between Fall Semester 2016 and Summer Semester 2040 and the success rate of students in those courses. Enrollment data is duplicated. If a student attempted a course more than once, all attempts are reported.

English Placement

Enrollment

Course	2016-2017 <small>Fall 16, Spring 17, Summer 17</small>	2017-2018 <small>Fall 17, Spring 18, Summer 18</small>	2018-2019 <small>Fall 18, Spring 19, Summer 19</small>	2019-2020 <small>Fall 19, Spring 20, Summer 20</small>	Total
ASC 086	24	25	33	26	108
ASC 088	103	125	127	110	465
Total	127	150	160	136	573

Success Rates

Course	2016-2017 <small>Fall 16, Spring 17, Summer 17</small>	2017-2018 <small>Fall 17, Spring 18, Summer 18</small>	2018-2019 <small>Fall 18, Spring 19, Summer 19</small>	2019-2020 <small>Fall 19, Spring 20, Summer 20</small>	Total
ASC 086					
Enrollments	24	25	33	26	108
Successful	13	17	23	19	72
Unsuccessful	11	8	10	7	36
Success Rate	54%	68%	70%	73%	67%
ASC 088					
Enrollments	103	125	127	110	465
Successful	86	104	96	88	374
Unsuccessful	17	21	31	22	91
Success Rate	83%	83%	76%	80%	80%

Of the total 108 students enrolled in ASC 086, 72 were successful and 36 were unsuccessful for, a success rate of 67%.

Of the total 465 students enrolled in ASC 088, 374 were successful and 91 were unsuccessful for, a success rate of 80%.

Math Placement

Enrollment

Course	2016-2017 <small>Fall 16, Spring 17, Summer 17</small>	2017-2018 <small>Fall 17, Spring 18, Summer 18</small>	2018-2019 <small>Fall 18, Spring 19, Summer 19</small>	2019-2020 <small>Fall 19, Spring 20, Summer 20</small>	Total
ASC 092	120	116	106	79	421
ASC 093	163	161	169	100	593
Total	283	277	275	179	1,014

Success Rates

Course	2016-2017 <small>Fall 16, Spring 17, Summer 17</small>	2017-2018 <small>Fall 17, Spring 18, Summer 18</small>	2018-2019 <small>Fall 18, Spring 19, Summer 19</small>	2019-2020 <small>Fall 19, Spring 20, Summer 20</small>	Total
ASC 092					
Enrollments	120	116	106	79	421
Successful	86	83	66	59	294
Unsuccessful	34	33	40	20	127
Success Rate	72%	72%	62%	75%	70%
ASC 093					
Enrollments	163	161	169	100	593
Successful	120	123	134	87	464
Unsuccessful	43	38	35	13	129
Success Rate	74%	76%	79%	87%	78%

Of the total 421 students enrolled in ASC 092, 294 were successful and 127 were unsuccessful, for a success rate of 70%.

Of the total 593 students enrolled in ASC 093, 464 were successful and 129 were unsuccessful, for a success rate of 78%.

Subsequent Course Success Rates

The following data shows the number of students who successfully completed developmental courses between Fall Semester 2016 and Summer Semester 2020 and the success rate of these students in the subsequent college-level English and math courses. For students attempting a subsequent college-level course more than once, the highest grade earned is reported.

English Placement

Course	Enrollments	Successful	Unsuccessful	Success Rate
ASC 086	52	41	11	79%
ASC 088	373	352	21	94%

Of the 72 students who successfully completed ASC 086, 52 enrolled in a subsequent college-level English course. Of those 52 students, 41 were successful and 11 were unsuccessful, for a success rate of 79%.

Of the 374 students who successfully completed ASC 088, 373 enrolled in a subsequent college-level English course. Of those 373 students, 352 were successful and 21 were unsuccessful, for a success rate of 94%.

Math Placement

Course	Enrollments	Successful	Unsuccessful	Success Rate
ASC 092	171	154	17	90%
ASC 093	331	299	32	90%

Of the 294 students who successfully completed ASC 092, 171 enrolled in a subsequent college-level math course. Of those 171 students, 154 were successful and 17 were unsuccessful, for a success rate of 90%.

Of the 464 students who successfully completed ASC 093, 331 enrolled in a subsequent college-level math course. Of those 331 students, 299 were successful and 32 were unsuccessful, for a success rate of 90%.