

Course Placement Service Report



SOUTHERN ARKANSAS UNIVERSITY (0142)
Magnolia, AR

Placement Group: OUT-OF-STATE

Subject Area: English

Data Cohort: 20142015

Date of Report: August 10, 2016

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COMPOSITION I

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Course Placement Report

Information for Making Placement Decisions

Placement Group: OUT-OF-STATE

Summary of Placement Variables

This table summarizes the placement variables used in requested analyses for each reference course. The table shows number of students, mean value, and standard deviation.

The descriptive statistics for course completers are based on students who receive A-F grades. However, if you chose to treat W grades as unsuccessful outcomes, the statistics will also include students with W grades.

| | | OUT-OF-STATE | | | Students who completed course | | |
|------------------|---|--------------|-------------|------------|-------------------------------|-------------|------------|
| Reference course | Placement variable | N | Mean | SD | N | Mean | SD |
| COMPOSITION I | ACT English Score | 188 | 20.4 | 5.7 | 90 | 19.2 | 4.3 |
| | High School English Grade Average | 169 | 3.4 | 0.7 | 84 | 3.1 | 0.7 |
| | ACT English Score and High School English Grade Average | 169 | 21.0 3.4 | 5.4 0.7 | 84 | 19.3 3.1 | 4.2 0.7 |

Summary of Course Outcomes

This table summarizes the course outcomes used in requested analyses for each reference course.

The table shows number of students, mean course grade, standard deviation, percent B or higher, percent C or higher, total of just W and I grades, and W grades not treated as successful.

| | | Grades used in analysis | | | | | | |
|------------------|---|-------------------------|------|-----|---------------------|---------------------|-------------------------|------------------------------------|
| Reference course | Placement variable | N | Mean | SD | Percent B or higher | Percent C or higher | Total of W and I grades | W grades treated as not successful |
| COMPOSITION I | ACT English Score | 90 | 2.7 | 1.1 | 70 | 88 | 1 | Yes |
| | High School English Grade Average | 84 | 2.7 | 1.1 | 71 | 88 | 1 | Yes |
| | ACT English Score and High School English Grade Average | 84 | 2.7 | 1.1 | 71 | 88 | 1 | Yes |

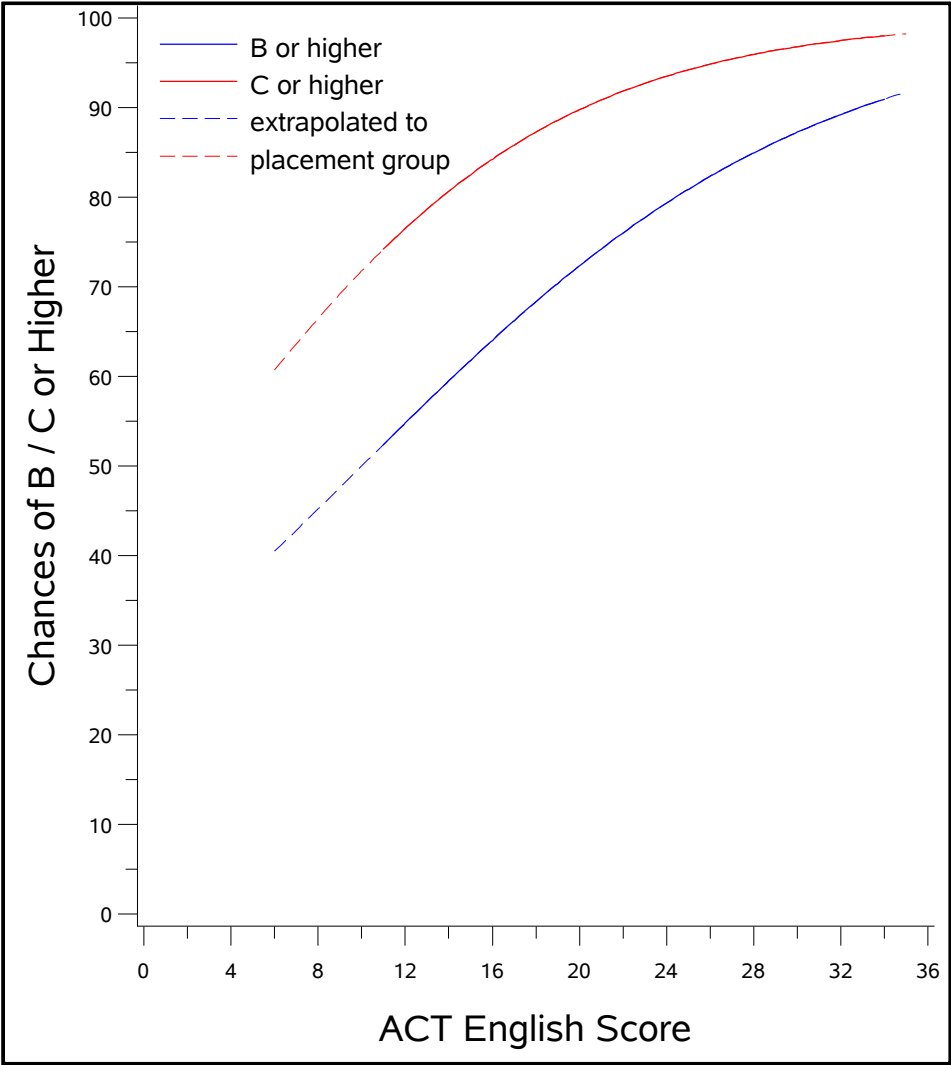
This table and graph report students' chances of achieving a B / C or higher in COMPOSITION I, given their ACT English Score. For example, the chance that a student with an ACT English Score of 21 would obtain a B or higher in COMPOSITION I is 74%.

If present, the boldface scores labeled as Opt. B and Opt. C in the table show the cutoff scores that are associated with the maximum accuracy rate. The information in the table and graph can be used to advise students about their chances of success in COMPOSITION I.

Chance of Success in COMPOSITION I,
Given ACT English Score

| ACT English Score | | Chance of success (B or higher) | Chance of success (C or higher) |
|-------------------|-----------|------------------------------------|------------------------------------|
| | 35 | 92 | 98 |
| | 34 | 91 | 98 |
| | 33 | 90 | 98 |
| | 32 | 89 | 97 |
| | 31 | 88 | 97 |
| | 30 | 87 | 97 |
| | 29 | 86 | 96 |
| | 28 | 85 | 96 |
| | 27 | 84 | 95 |
| | 26 | 82 | 95 |
| | 25 | 81 | 94 |
| | 24 | 79 | 94 |
| | 23 | 78 | 93 |
| | 22 | 76 | 92 |
| | 21 | 74 | 91 |
| | 20 | 72 | 90 |
| | 19 | 70 | 89 |
| | 18 | 68 | 87 |
| | 17 | 66 | 86 |
| | 16 | 64 | 84 |
| | 15 | 62 | 83 |
| | 14 | 60 | 81 |
| | 13 | 57 | 79 |
| | 12 | 55 | 77 |
| | 11 | 52 | 74 |
| Opt. B | 10 | 50 | 72 |
| | 9 | 48 | 69 |
| Opt. C | 6 | 40 | 61 |

Chance of Success in COMPOSITION I,
Given ACT English Score



Placement Information for COMPOSITION I Using ACT English Score

This table shows the effects of using different ACT English Score cutoffs in COMPOSITION I. For example, if you were to require students to have an ACT English Score of at least 21 to be placed into COMPOSITION I, then you would expect:

- about 53% of your students would be placed in a lower-level course
- about 57% of your placement decisions would be correct
- about 81% of those placed in COMPOSITION I would obtain a B or higher

| ACT English Score | | | B or higher | | C or higher | |
|-------------------|----|--------------------------------------|---------------|--------------|---------------|--------------|
| | | Percent placed in lower-level course | Accuracy rate | Success rate | Accuracy rate | Success rate |
| | 35 | 99 | 29 | 92 | 12 | 98 |
| | 34 | 98 | 29 | 91 | 13 | 98 |
| | 33 | 98 | 30 | 91 | 14 | 98 |
| | 32 | 96 | 31 | 90 | 15 | 98 |
| | 31 | 96 | 32 | 90 | 16 | 98 |
| | 30 | 93 | 34 | 89 | 18 | 97 |
| | 29 | 89 | 36 | 88 | 22 | 97 |
| | 28 | 86 | 39 | 87 | 25 | 97 |
| | 27 | 85 | 39 | 87 | 26 | 97 |
| | 26 | 83 | 41 | 86 | 27 | 96 |
| | 25 | 76 | 45 | 85 | 33 | 96 |
| | 24 | 72 | 47 | 84 | 37 | 95 |
| | 23 | 67 | 50 | 83 | 41 | 95 |
| | 22 | 59 | 54 | 82 | 48 | 94 |
| | 21 | 53 | 57 | 81 | 53 | 94 |
| | 20 | 45 | 61 | 80 | 59 | 93 |
| | 19 | 40 | 63 | 79 | 63 | 93 |
| | 18 | 36 | 64 | 78 | 66 | 93 |
| | 17 | 30 | 66 | 77 | 70 | 92 |
| | 16 | 22 | 68 | 76 | 76 | 91 |
| | 15 | 15 | 70 | 75 | 80 | 91 |
| | 14 | 10 | 71 | 74 | 83 | 90 |
| | 13 | 6 | 72 | 73 | 86 | 89 |
| | 12 | 4 | 72 | 73 | 87 | 89 |
| | 11 | 2 | 72 | 72 | 88 | 89 |
| Opt. B | 10 | 1 | 72 | 72 | 88 | 89 |
| | 9 | 1 | 72 | 72 | 88 | 89 |
| Opt. C | 6 | | 72 | 72 | 88 | 89 |

If present, the shaded rows highlight the optimal cutoff scores (i.e., those that lead to the highest percentage of correct placement decisions).

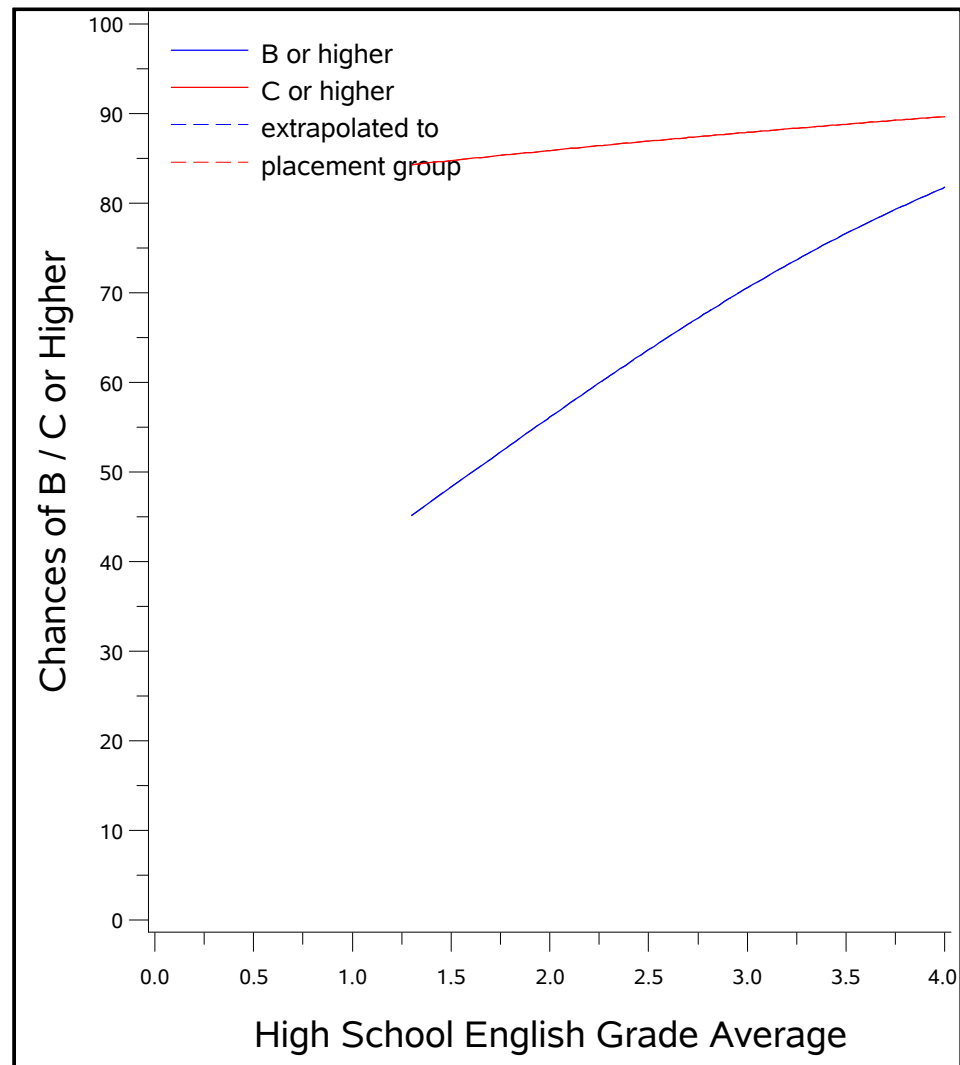
This table and graph report students' chances of achieving a B / C or higher in COMPOSITION I, given their High School English Grade Average. For example, the chance that a student with a High School English Grade Average of 2.7 would obtain a B or higher in COMPOSITION I is 67%.

If present, the boldface scores labeled as Opt. B and Opt. C in the table show the cutoff scores that are associated with the maximum accuracy rate. The information in the table and graph can be used to advise students about their chances of success in COMPOSITION I.

**Chance of Success in COMPOSITION I,
Given High School English Grade Average**

| High School English Grade Average | | Chance of success (B or higher) | Chance of success (C or higher) |
|-----------------------------------|------------|---------------------------------|---------------------------------|
| Opt. B | 4.0 | 82 | 90 |
| | 3.8 | 80 | 89 |
| | 3.7 | 79 | 89 |
| | 3.6 | 78 | 89 |
| | 3.5 | 77 | 89 |
| | 3.4 | 75 | 89 |
| | 3.3 | 74 | 88 |
| | 3.2 | 73 | 88 |
| | 3.0 | 71 | 88 |
| | 2.8 | 68 | 88 |
| | 2.7 | 67 | 87 |
| | 2.5 | 64 | 87 |
| | 2.3 | 61 | 87 |
| | 2.0 | 56 | 86 |
| | 1.8 | 53 | 85 |
| | 1.7 | 51 | 85 |
| | 1.3 | 45 | 84 |

**Chance of Success in COMPOSITION I,
Given High School English Grade Average**



Note: The chances of success for one or both criteria are all above or below 50%. No optimal cutoff score exists.

Placement Information for COMPOSITION I Using High School English Grade Average

This table shows the effects of using different High School English Grade Average cutoffs in COMPOSITION I. For example, if you were to require students to have a High School English Grade Average of at least 2.7 to be placed into COMPOSITION I, then you would expect:

- about 15% of your students would be placed in a lower-level course
- about 72% of your placement decisions would be correct
- about 77% of those placed in COMPOSITION I would obtain a B or higher

| High School English Grade Average | | | B or higher | | C or higher | |
|-----------------------------------|-----|--------------------------------------|---------------|--------------|---------------|--------------|
| | | Percent placed in lower-level course | Accuracy rate | Success rate | Accuracy rate | Success rate |
| | 4.0 | 63 | 49 | 82 | 41 | 90 |
| | 3.8 | 59 | 52 | 82 | 44 | 90 |
| | 3.7 | 51 | 56 | 81 | 50 | 90 |
| | 3.6 | 50 | 57 | 81 | 51 | 90 |
| | 3.5 | 45 | 59 | 81 | 55 | 89 |
| | 3.4 | 44 | 60 | 81 | 55 | 89 |
| | 3.3 | 37 | 63 | 80 | 61 | 89 |
| | 3.2 | 37 | 63 | 80 | 61 | 89 |
| | 3.0 | 20 | 70 | 78 | 74 | 89 |
| | 2.8 | 18 | 71 | 78 | 75 | 89 |
| | 2.7 | 15 | 72 | 77 | 77 | 89 |
| | 2.5 | 12 | 73 | 77 | 80 | 89 |
| | 2.3 | 7 | 74 | 76 | 83 | 89 |
| | 2.0 | 4 | 74 | 75 | 86 | 89 |
| | 1.8 | 2 | 74 | 75 | 87 | 89 |
| Opt. B | 1.7 | 1 | 74 | 75 | 88 | 89 |
| | 1.3 | | 74 | 74 | 89 | 89 |

If present, the shaded rows highlight the optimal cutoff scores (i.e., those that lead to the highest percentage of correct placement decisions).

Chance of a B or Higher in COMPOSITION I, Given ACT English Score and High School English Grade Average

The matrix reports students' chances of achieving a B or higher in COMPOSITION I, given their ACT English Score and High School English Grade Average. For example, the chance that a student with an ACT English Score of 17 and a High School English Grade Average of 2.2 would obtain a B or higher in COMPOSITION I is 59%.

If present, the dark gold area shows the combinations of ACT English Score and High School English Grade Average values that are at or near a 50% chance level. The combinations that maximize the percentage of correct placement decisions (accuracy rate) always correspond to a chance of 50%.

High School English Grade Average

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 4.0 | 46 | 48 | 50 | 53 | 55 | 57 | 59 | 61 | 63 | 65 | 67 | 68 | 70 | 72 | 74 | 75 | 77 | 78 | 80 | 81 | 82 | 83 | 85 | 86 | 87 | 88 | 88 | 89 | 90 | 91 | 92 | 92 | 93 | 93 | 94 | 94 |
| 3.9 | 45 | 47 | 49 | 51 | 53 | 56 | 58 | 60 | 62 | 64 | 66 | 67 | 69 | 71 | 73 | 74 | 76 | 77 | 79 | 80 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 90 | 91 | 92 | 92 | 93 | 94 | 94 |
| 3.8 | 44 | 46 | 48 | 50 | 52 | 54 | 56 | 59 | 61 | 63 | 65 | 66 | 68 | 70 | 72 | 73 | 75 | 77 | 78 | 80 | 81 | 82 | 83 | 84 | 86 | 87 | 88 | 88 | 89 | 90 | 91 | 91 | 92 | 93 | 93 | 94 |
| 3.7 | 43 | 45 | 47 | 49 | 51 | 53 | 55 | 57 | 59 | 61 | 63 | 65 | 67 | 69 | 71 | 73 | 74 | 76 | 77 | 79 | 80 | 81 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 90 | 91 | 92 | 92 | 93 | 93 |
| 3.6 | 42 | 44 | 46 | 48 | 50 | 52 | 54 | 56 | 58 | 60 | 62 | 64 | 66 | 68 | 70 | 72 | 73 | 75 | 76 | 78 | 79 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 91 | 92 | 93 | 93 |
| 3.5 | 40 | 42 | 45 | 47 | 49 | 51 | 53 | 55 | 57 | 59 | 61 | 63 | 65 | 67 | 69 | 71 | 72 | 74 | 76 | 77 | 79 | 80 | 81 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 90 | 91 | 92 | 92 | 93 |
| 3.4 | 39 | 41 | 43 | 45 | 48 | 50 | 52 | 54 | 56 | 58 | 60 | 62 | 64 | 66 | 68 | 70 | 71 | 73 | 75 | 76 | 78 | 79 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 91 | 92 | 93 |
| 3.3 | 38 | 40 | 42 | 44 | 46 | 49 | 51 | 53 | 55 | 57 | 59 | 61 | 63 | 65 | 67 | 69 | 70 | 72 | 74 | 75 | 77 | 78 | 80 | 81 | 82 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 92 | 93 |
| 3.2 | 37 | 39 | 41 | 43 | 45 | 47 | 49 | 52 | 54 | 56 | 58 | 60 | 62 | 64 | 66 | 68 | 69 | 71 | 73 | 75 | 76 | 78 | 79 | 80 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 91 | 92 |
| 3.1 | 36 | 38 | 40 | 42 | 44 | 46 | 48 | 50 | 52 | 55 | 57 | 59 | 61 | 63 | 65 | 67 | 68 | 70 | 72 | 74 | 75 | 77 | 78 | 80 | 81 | 82 | 83 | 85 | 86 | 87 | 88 | 88 | 89 | 90 | 91 | 92 |
| 3.0 | 35 | 37 | 39 | 41 | 43 | 45 | 47 | 49 | 51 | 53 | 56 | 58 | 60 | 62 | 64 | 66 | 67 | 69 | 71 | 73 | 74 | 76 | 77 | 79 | 80 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 90 | 91 |
| 2.9 | 34 | 36 | 38 | 40 | 42 | 44 | 46 | 48 | 50 | 52 | 54 | 56 | 58 | 61 | 63 | 64 | 66 | 68 | 70 | 72 | 73 | 75 | 77 | 78 | 79 | 81 | 82 | 83 | 84 | 86 | 87 | 87 | 88 | 89 | 90 | 91 |
| 2.8 | 33 | 35 | 37 | 39 | 41 | 43 | 45 | 47 | 49 | 51 | 53 | 55 | 57 | 59 | 61 | 63 | 65 | 67 | 69 | 71 | 73 | 74 | 76 | 77 | 79 | 80 | 81 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 90 |
| 2.7 | 32 | 34 | 36 | 38 | 40 | 42 | 44 | 46 | 48 | 50 | 52 | 54 | 56 | 58 | 60 | 62 | 64 | 66 | 68 | 70 | 72 | 73 | 75 | 76 | 78 | 79 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 |
| 2.6 | 31 | 33 | 35 | 36 | 38 | 40 | 42 | 45 | 47 | 49 | 51 | 53 | 55 | 57 | 59 | 61 | 63 | 65 | 67 | 69 | 71 | 72 | 74 | 76 | 77 | 79 | 80 | 81 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 89 |
| 2.5 | 30 | 32 | 33 | 35 | 37 | 39 | 41 | 43 | 45 | 48 | 50 | 52 | 54 | 56 | 58 | 60 | 62 | 64 | 66 | 68 | 70 | 71 | 73 | 75 | 76 | 78 | 79 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 |
| 2.4 | 29 | 31 | 32 | 34 | 36 | 38 | 40 | 42 | 44 | 46 | 48 | 51 | 53 | 55 | 57 | 59 | 61 | 63 | 65 | 67 | 69 | 70 | 72 | 74 | 75 | 77 | 78 | 80 | 81 | 82 | 84 | 85 | 86 | 87 | 88 | 89 |
| 2.3 | 28 | 30 | 31 | 33 | 35 | 37 | 39 | 41 | 43 | 45 | 47 | 49 | 52 | 54 | 56 | 58 | 60 | 62 | 64 | 66 | 68 | 69 | 71 | 73 | 75 | 76 | 78 | 79 | 80 | 82 | 83 | 84 | 85 | 86 | 87 | 88 |
| 2.2 | 27 | 29 | 30 | 32 | 34 | 36 | 38 | 40 | 42 | 44 | 46 | 48 | 50 | 52 | 55 | 57 | 59 | 61 | 63 | 65 | 67 | 68 | 70 | 72 | 74 | 75 | 77 | 78 | 80 | 81 | 82 | 83 | 85 | 86 | 87 | 88 |
| 2.1 | 26 | 28 | 29 | 31 | 33 | 35 | 37 | 39 | 41 | 43 | 45 | 47 | 49 | 51 | 53 | 55 | 58 | 60 | 62 | 64 | 66 | 67 | 69 | 71 | 73 | 74 | 76 | 77 | 79 | 80 | 82 | 83 | 84 | 85 | 86 | 87 |
| 2.0 | 25 | 27 | 28 | 30 | 32 | 34 | 36 | 38 | 40 | 42 | 44 | 46 | 48 | 50 | 52 | 54 | 56 | 58 | 61 | 63 | 64 | 66 | 68 | 70 | 72 | 73 | 75 | 77 | 78 | 79 | 81 | 82 | 83 | 84 | 86 | 87 |
| 1.9 | 24 | 26 | 27 | 29 | 31 | 33 | 35 | 37 | 39 | 41 | 43 | 45 | 47 | 49 | 51 | 53 | 55 | 57 | 59 | 61 | 63 | 65 | 67 | 69 | 71 | 73 | 74 | 76 | 77 | 79 | 80 | 81 | 83 | 84 | 85 | 86 |
| 1.8 | 23 | 25 | 27 | 28 | 30 | 32 | 34 | 36 | 38 | 40 | 42 | 44 | 46 | 48 | 50 | 52 | 54 | 56 | 58 | 60 | 62 | 64 | 66 | 68 | 70 | 72 | 73 | 75 | 76 | 78 | 79 | 81 | 82 | 83 | 84 | 85 |
| 1.7 | 23 | 24 | 26 | 27 | 29 | 31 | 33 | 34 | 36 | 38 | 40 | 42 | 45 | 47 | 49 | 51 | 53 | 55 | 57 | 59 | 61 | 63 | 65 | 67 | 69 | 71 | 72 | 74 | 76 | 77 | 79 | 80 | 81 | 83 | 84 | 85 |
| 1.6 | 22 | 23 | 25 | 26 | 28 | 30 | 32 | 33 | 35 | 37 | 39 | 41 | 43 | 45 | 48 | 50 | 52 | 54 | 56 | 58 | 60 | 62 | 64 | 66 | 68 | 70 | 71 | 73 | 75 | 76 | 78 | 79 | 81 | 82 | 83 | 84 |
| 1.5 | 21 | 22 | 24 | 25 | 27 | 29 | 31 | 32 | 34 | 36 | 38 | 40 | 42 | 44 | 46 | 48 | 51 | 53 | 55 | 57 | 59 | 61 | 63 | 65 | 67 | 69 | 70 | 72 | 74 | 75 | 77 | 78 | 80 | 81 | 82 | 84 |
| 1.4 | 20 | 22 | 23 | 25 | 26 | 28 | 30 | 31 | 33 | 35 | 37 | 39 | 41 | 43 | 45 | 47 | 49 | 52 | 54 | 56 | 58 | 60 | 62 | 64 | 66 | 68 | 69 | 71 | 73 | 75 | 76 | 78 | 79 | 80 | 82 | 83 |
| 1.3 | 19 | 21 | 22 | 24 | 25 | 27 | 29 | 30 | 32 | 34 | 36 | 38 | 40 | 42 | 44 | 46 | 48 | 50 | 52 | 55 | 57 | 59 | 61 | 63 | 65 | 67 | 68 | 70 | 72 | 74 | 75 | 77 | 78 | 80 | 81 | 82 |
| 1.2 | 19 | 20 | 21 | 23 | 24 | 26 | 28 | 29 | 31 | 33 | 35 | 37 | 39 | 41 | 43 | 45 | 47 | 49 | 51 | 53 | 55 | 58 | 60 | 62 | 64 | 66 | 67 | 69 | 71 | 73 | 74 | 76 | 77 | 79 | 80 | 82 |
| 1.1 | 18 | 19 | 21 | 22 | 24 | 25 | 27 | 28 | 30 | 32 | 34 | 36 | 38 | 40 | 42 | 44 | 46 | 48 | 50 | 52 | 54 | 56 | 58 | 60 | 62 | 64 | 66 | 68 | 70 | 72 | 73 | 75 | 77 | 78 | 79 | 81 |
| 1.0 | 17 | 19 | 20 | 21 | 23 | 24 | 26 | 27 | 29 | 31 | 33 | 35 | 37 | 39 | 41 | 43 | 45 | 47 | 49 | 51 | 53 | 55 | 57 | 59 | 61 | 63 | 65 | 67 | 69 | 71 | 72 | 74 | 76 | 77 | 79 | 80 |
| 0.9 | 17 | 18 | 19 | 21 | 22 | 23 | 25 | 27 | 28 | 30 | 32 | 34 | 36 | 37 | 39 | 42 | 44 | 46 | 48 | 50 | 52 | 54 | 56 | 58 | 60 | 62 | 64 | 66 | 68 | 70 | 72 | 73 | 75 | 76 | 78 | 79 |
| 0.8 | 16 | 17 | 18 | 20 | 21 | 23 | 24 | 26 | 27 | 29 | 31 | 33 | 34 | 36 | 38 | 40 | 42 | 44 | 47 | 49 | 51 | 53 | 55 | 57 | 59 | 61 | 63 | 65 | 67 | 69 | 71 | 72 | 74 | 76 | 77 | 79 |
| 0.7 | 15 | 17 | 18 | 19 | 20 | 22 | 23 | 25 | 26 | 28 | 30 | 32 | 33 | 35 | 37 | 39 | 41 | 43 | 45 | 48 | 50 | 52 | 54 | 56 | 58 | 60 | 62 | 64 | 66 | 68 | 70 | 71 | 73 | 75 | 76 | 78 |
| 0.6 | 15 | 16 | 17 | 18 | 20 | 21 | 22 | 24 | 25 | 27 | 29 | 31 | 32 | 34 | 36 | 38 | 40 | 42 | 44 | 46 | 48 | 51 | 53 | 55 | 57 | 59 | 61 | 63 | 65 | 67 | 69 | 70 | 72 | 74 | 75 | 77 |
| 0.5 | 14 | 15 | 16 | 18 | 19 | 20 | 22 | 23 | 25 | 26 | 28 | 30 | 31 | 33 | 35 | 37 | 39 | 41 | 43 | 45 | 47 | 49 | 51 | 54 | 56 | 58 | 60 | 62 | 64 | 66 | 68 | 69 | 71 | 73 | 74 | 76 |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 |

ACT English Score

Chance of a C or Higher in COMPOSITION I, Given ACT English Score and High School English Grade Average

The matrix reports students' chances of achieving a C or higher in COMPOSITION I, given their ACT English Score and High School English Grade Average. For example, the chance that a student with an ACT English Score of 17 and a High School English Grade Average of 2.2 would obtain a C or higher in COMPOSITION I is 86%.

If present, the dark gold area shows the combinations of ACT English Score and High School English Grade Average values that are at or near a 50% chance level. The combinations that maximize the percentage of correct placement decisions (accuracy rate) always correspond to a chance of 50%.

High School English Grade Average

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 4.0 | 57 | 59 | 61 | 64 | 66 | 68 | 70 | 72 | 74 | 76 | 78 | 79 | 81 | 82 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 92 | 93 | 94 | 94 | 95 | 95 | 96 | 96 | 96 | 97 | 97 | 97 | 98 |
| 3.9 | 57 | 59 | 61 | 64 | 66 | 68 | 70 | 72 | 74 | 76 | 78 | 79 | 81 | 82 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 92 | 93 | 94 | 94 | 95 | 95 | 96 | 96 | 96 | 97 | 97 | 97 | 98 |
| 3.8 | 57 | 59 | 62 | 64 | 66 | 68 | 70 | 72 | 74 | 76 | 78 | 79 | 81 | 82 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 92 | 93 | 94 | 94 | 95 | 95 | 96 | 96 | 96 | 97 | 97 | 97 | 98 |
| 3.7 | 57 | 59 | 62 | 64 | 66 | 68 | 70 | 72 | 74 | 76 | 78 | 79 | 81 | 82 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 92 | 93 | 94 | 94 | 95 | 95 | 96 | 96 | 96 | 97 | 97 | 97 | 98 |
| 3.6 | 57 | 59 | 62 | 64 | 66 | 68 | 70 | 72 | 74 | 76 | 78 | 79 | 81 | 82 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 92 | 93 | 94 | 94 | 95 | 95 | 96 | 96 | 96 | 97 | 97 | 97 | 98 |
| 3.5 | 57 | 59 | 62 | 64 | 66 | 68 | 70 | 72 | 74 | 76 | 78 | 79 | 81 | 82 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 93 | 94 | 94 | 95 | 95 | 96 | 96 | 96 | 97 | 97 | 97 | 98 |
| 3.4 | 57 | 59 | 62 | 64 | 66 | 68 | 70 | 72 | 74 | 76 | 78 | 79 | 81 | 82 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 93 | 94 | 94 | 95 | 95 | 96 | 96 | 96 | 97 | 97 | 97 | 98 |
| 3.3 | 57 | 59 | 62 | 64 | 66 | 68 | 70 | 72 | 74 | 76 | 78 | 79 | 81 | 82 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 93 | 94 | 94 | 95 | 95 | 96 | 96 | 96 | 97 | 97 | 97 | 98 |
| 3.2 | 57 | 59 | 62 | 64 | 66 | 68 | 70 | 72 | 74 | 76 | 78 | 79 | 81 | 82 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 93 | 94 | 94 | 95 | 95 | 96 | 96 | 96 | 97 | 97 | 97 | 98 |
| 3.1 | 57 | 59 | 62 | 64 | 66 | 68 | 70 | 72 | 74 | 76 | 78 | 79 | 81 | 82 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 93 | 94 | 94 | 95 | 95 | 96 | 96 | 96 | 97 | 97 | 97 | 98 |
| 3.0 | 57 | 59 | 62 | 64 | 66 | 68 | 70 | 72 | 74 | 76 | 78 | 79 | 81 | 82 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 93 | 94 | 94 | 95 | 95 | 96 | 96 | 96 | 97 | 97 | 97 | 98 |
| 2.9 | 57 | 59 | 62 | 64 | 66 | 68 | 70 | 72 | 74 | 76 | 78 | 79 | 81 | 82 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 93 | 94 | 94 | 95 | 95 | 96 | 96 | 96 | 97 | 97 | 97 | 98 |
| 2.8 | 57 | 59 | 62 | 64 | 66 | 68 | 70 | 72 | 74 | 76 | 78 | 79 | 81 | 82 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 93 | 94 | 94 | 95 | 95 | 96 | 96 | 96 | 97 | 97 | 97 | 98 |
| 2.7 | 57 | 59 | 62 | 64 | 66 | 68 | 70 | 72 | 74 | 76 | 78 | 79 | 81 | 82 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 93 | 94 | 94 | 95 | 95 | 96 | 96 | 96 | 97 | 97 | 97 | 98 |
| 2.6 | 57 | 59 | 62 | 64 | 66 | 68 | 70 | 72 | 74 | 76 | 78 | 79 | 81 | 82 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 93 | 94 | 94 | 95 | 95 | 96 | 96 | 96 | 97 | 97 | 97 | 98 |
| 2.5 | 57 | 59 | 62 | 64 | 66 | 68 | 70 | 72 | 74 | 76 | 78 | 79 | 81 | 82 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 93 | 94 | 94 | 95 | 95 | 96 | 96 | 96 | 97 | 97 | 97 | 98 |
| 2.4 | 57 | 59 | 62 | 64 | 66 | 68 | 70 | 72 | 74 | 76 | 78 | 80 | 81 | 82 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 93 | 94 | 94 | 95 | 95 | 96 | 96 | 96 | 97 | 97 | 97 | 98 |
| 2.3 | 57 | 60 | 62 | 64 | 66 | 68 | 70 | 72 | 74 | 76 | 78 | 80 | 81 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 93 | 94 | 94 | 95 | 95 | 96 | 96 | 96 | 97 | 97 | 97 | 98 |
| 2.2 | 57 | 60 | 62 | 64 | 66 | 68 | 71 | 72 | 74 | 76 | 78 | 80 | 81 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 93 | 94 | 94 | 95 | 95 | 96 | 96 | 96 | 97 | 97 | 97 | 98 |
| 2.1 | 57 | 60 | 62 | 64 | 66 | 68 | 71 | 73 | 74 | 76 | 78 | 80 | 81 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 93 | 94 | 94 | 95 | 95 | 96 | 96 | 96 | 97 | 97 | 97 | 98 |
| 2.0 | 57 | 60 | 62 | 64 | 66 | 68 | 71 | 73 | 74 | 76 | 78 | 80 | 81 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 93 | 94 | 94 | 95 | 95 | 96 | 96 | 96 | 97 | 97 | 97 | 98 |
| 1.9 | 57 | 60 | 62 | 64 | 66 | 69 | 71 | 73 | 74 | 76 | 78 | 80 | 81 | 83 | 84 | 85 | 86 | 87 | 89 | 89 | 90 | 91 | 92 | 93 | 93 | 94 | 94 | 95 | 95 | 96 | 96 | 96 | 97 | 97 | 97 | 98 |
| 1.8 | 57 | 60 | 62 | 64 | 66 | 69 | 71 | 73 | 74 | 76 | 78 | 80 | 81 | 83 | 84 | 85 | 86 | 87 | 89 | 89 | 90 | 91 | 92 | 93 | 93 | 94 | 94 | 95 | 95 | 96 | 96 | 96 | 97 | 97 | 97 | 98 |
| 1.7 | 57 | 60 | 62 | 64 | 66 | 69 | 71 | 73 | 74 | 76 | 78 | 80 | 81 | 83 | 84 | 85 | 86 | 87 | 89 | 89 | 90 | 91 | 92 | 93 | 93 | 94 | 94 | 95 | 95 | 96 | 96 | 96 | 97 | 97 | 97 | 98 |
| 1.6 | 57 | 60 | 62 | 64 | 66 | 69 | 71 | 73 | 74 | 76 | 78 | 80 | 81 | 83 | 84 | 85 | 86 | 88 | 89 | 89 | 90 | 91 | 92 | 93 | 93 | 94 | 94 | 95 | 95 | 96 | 96 | 96 | 97 | 97 | 97 | 98 |
| 1.5 | 57 | 60 | 62 | 64 | 66 | 69 | 71 | 73 | 75 | 76 | 78 | 80 | 81 | 83 | 84 | 85 | 86 | 88 | 89 | 89 | 90 | 91 | 92 | 93 | 93 | 94 | 94 | 95 | 95 | 96 | 96 | 96 | 97 | 97 | 97 | 98 |
| 1.4 | 57 | 60 | 62 | 64 | 66 | 69 | 71 | 73 | 75 | 76 | 78 | 80 | 81 | 83 | 84 | 85 | 86 | 88 | 89 | 89 | 90 | 91 | 92 | 93 | 93 | 94 | 94 | 95 | 95 | 96 | 96 | 96 | 97 | 97 | 97 | 98 |
| 1.3 | 57 | 60 | 62 | 64 | 66 | 69 | 71 | 73 | 75 | 76 | 78 | 80 | 81 | 83 | 84 | 85 | 86 | 88 | 89 | 90 | 90 | 91 | 92 | 93 | 93 | 94 | 94 | 95 | 95 | 96 | 96 | 96 | 97 | 97 | 97 | 98 |
| 1.2 | 57 | 60 | 62 | 64 | 67 | 69 | 71 | 73 | 75 | 76 | 78 | 80 | 81 | 83 | 84 | 85 | 86 | 88 | 89 | 90 | 90 | 91 | 92 | 93 | 93 | 94 | 94 | 95 | 95 | 96 | 96 | 96 | 97 | 97 | 97 | 98 |
| 1.1 | 57 | 60 | 62 | 64 | 67 | 69 | 71 | 73 | 75 | 76 | 78 | 80 | 81 | 83 | 84 | 85 | 86 | 88 | 89 | 90 | 90 | 91 | 92 | 93 | 93 | 94 | 94 | 95 | 95 | 96 | 96 | 96 | 97 | 97 | 97 | 98 |
| 1.0 | 57 | 60 | 62 | 64 | 67 | 69 | 71 | 73 | 75 | 76 | 78 | 80 | 81 | 83 | 84 | 85 | 86 | 88 | 89 | 90 | 90 | 91 | 92 | 93 | 93 | 94 | 94 | 95 | 95 | 96 | 96 | 96 | 97 | 97 | 97 | 98 |
| 0.9 | 57 | 60 | 62 | 64 | 67 | 69 | 71 | 73 | 75 | 76 | 78 | 80 | 81 | 83 | 84 | 85 | 86 | 88 | 89 | 90 | 90 | 91 | 92 | 93 | 93 | 94 | 94 | 95 | 95 | 96 | 96 | 96 | 97 | 97 | 97 | 98 |
| 0.8 | 57 | 60 | 62 | 64 | 67 | 69 | 71 | 73 | 75 | 76 | 78 | 80 | 81 | 83 | 84 | 85 | 86 | 88 | 89 | 90 | 90 | 91 | 92 | 93 | 93 | 94 | 94 | 95 | 95 | 96 | 96 | 96 | 97 | 97 | 97 | 98 |
| 0.7 | 57 | 60 | 62 | 64 | 67 | 69 | 71 | 73 | 75 | 76 | 78 | 80 | 81 | 83 | 84 | 85 | 86 | 88 | 89 | 90 | 90 | 91 | 92 | 93 | 93 | 94 | 94 | 95 | 95 | 96 | 96 | 96 | 97 | 97 | 97 | 98 |
| 0.6 | 58 | 60 | 62 | 64 | 67 | 69 | 71 | 73 | 75 | 76 | 78 | 80 | 81 | 83 | 84 | 85 | 87 | 88 | 89 | 90 | 90 | 91 | 92 | 93 | 93 | 94 | 94 | 95 | 95 | 96 | 96 | 96 | 97 | 97 | 97 | 98 |
| 0.5 | 58 | 60 | 62 | 64 | 67 | 69 | 71 | 73 | 75 | 76 | 78 | 80 | 81 | 83 | 84 | 85 | 87 | 88 | 89 | 90 | 90 | 91 | 92 | 93 | 93 | 94 | 94 | 95 | 95 | 96 | 96 | 97 | 97 | 97 | 97 | 98 |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 |

Note: One or both of the statistica

ACT English Score

Placement Information for COMPOSITION I Using ACT English Score and High School English Grade Average

This table shows the impact of using different combinations of ACT English Scores and High School English Grade Averages as cutoff scores in COMPOSITION I. For example, if you were to require students to have at least a 50% chance of a B or higher based on their ACT English Scores and High School English Grade Averages to be placed into COMPOSITION I (see page 9), then you would expect:

- about 2% of your students would be placed in a lower-level course
- about 76% of your placement decisions would be correct
- about 76% of those placed in COMPOSITION I would obtain a B or higher

| | B or higher | | | C or higher | | |
|--------------|---------------|---------------|--------------|---|---------------|--------------|
| Chance range | Percent below | Accuracy rate | Success rate | Percent below | Accuracy rate | Success rate |
| 91 - 99 | 97 | 28 | 93 | Note: Statistics are not reported for negative relationships. | | |
| 85 - 90 | 83 | 39 | 90 | | | |
| 82 - 84 | 68 | 49 | 87 | | | |
| 79 - 81 | 54 | 57 | 86 | | | |
| 76 - 78 | 47 | 62 | 85 | | | |
| 73 - 75 | 41 | 65 | 84 | | | |
| 70 - 72 | 32 | 69 | 82 | | | |
| 67 - 69 | 26 | 71 | 81 | | | |
| 64 - 66 | 22 | 72 | 81 | | | |
| 61 - 63 | 18 | 73 | 80 | | | |
| 58 - 60 | 12 | 75 | 78 | | | |
| 55 - 57 | 7 | 75 | 77 | | | |
| 52 - 54 | 5 | 76 | 77 | | | |
| 49 - 51 | 2 | 76 | 76 | | | |
| 46 - 48 | 0 | 75 | 75 | | | |
| 43 - 45 | 0 | 75 | 75 | | | |
| 40 - 42 | | | | | | |
| 37 - 39 | | | | | | |
| 34 - 36 | | | | | | |
| 31 - 33 | | | | | | |
| 28 - 30 | | | | | | |
| 25 - 27 | | | | | | |
| 22 - 24 | | | | | | |
| 19 - 21 | | | | | | |
| 16 - 18 | | | | | | |
| 10 - 15 | | | | | | |
| 1 - 9 | | | | | | |

If present, the shaded rows highlight the optimal cutoff combinations (i.e., those that lead to the highest percentage of correct placement decisions).

Logistic Regression Weights and Correlations

This table contains the estimated logistic regression weights used to calculate the chances of success in each course. The weights associated with each set of placement variables are shown with the corresponding significance level (p-value). This information can be used to calculate the chances of success for a given student.

A p-value is an estimate of the probability that a regression weight of magnitude equal to that reported in the table would occur by chance if the true regression weight were 0; the smaller the p-value, the more highly "statistically significant" the regression weight is. The correlation between the placement variables and course grades also is listed.

| | | B or higher | | C or higher | | |
|---------------|--|----------------------------|------------------|----------------------------|------------------|-------------|
| Course | Placement variable(s) | Logistic regression weight | P-value | Logistic regression weight | P-value | Correlation |
| COMPOSITION I | Intercept | -0.96 | | -0.31 | | |
| | ACT English Score | 0.10 | 0.1076 | 0.12 | 0.1613 | 0.22 |
| | Intercept | -1.01 | | 1.45 | | |
| | High School English Grade Average | 0.63 | 0.0687 | 0.18 | 0.7033 | 0.23 |
| | Intercept | -2.11 | | 0.21 | | |
| | ACT English Score and High School English Grade Average | 0.08 0.47 | 0.2291 0.2028 | 0.10 -0.01 | 0.3223 0.9861 | 0.27 |