

English and Reading Cut-Score and Content Validation Results Summary

Table 1: Possible Cut-Scores, Current Cut-Scores, and Content Analysis Results for Accuplacer's Reading Comprehension and Sentence Skills Tests by CHC English and Reading Course.

Test and Course	Content Analysis % Rated as Moderately Important or Higher	Possible Cut-Score Ranges				Current Cut- Scores*	Average Score of Non- Successful Students***		Average Score of Successful Students***		Statistically Significant
		Minimum & Maximum	Average	Standard Error	Standard Deviation		#	Mean	#	Mean	
Reading**							#	Mean	#	Mean	
ENGL-976/READ-980	97%	<=69	<=65	<=72	<=70	20 – 65	42	48	159	54	Yes
ENGL-010	89%	70 – 94	66 – 89	73 – 94	71 – 90	66 – 86	30	79	120	76	No
ENGL-101	80%	95 – 120	90 – 120	95 – 120	91 – 120	87 – 120	25	91	82	92	No
Sentence Skills***											
ENGL-976/READ-980	95%	<=52	<=54	<=74	<=48	20 – 70	42	58	159	66	Yes
ENGL-010	100%	53 – 84	55 – 89	75 – 94	49 – 86	71 – 91	30	81	120	84	No
ENGL-101	80%	85 – 120	90 – 120	95 – 120	87 – 120	92 – 120	25	100	82	101	Yes

Note: “#” refers to the number of students who graduated from high school in 2012 and who earned a GOR in Fall 2012 in the stated English/reading course and the number who completed the stated Accuplacer English/Reading assessment test. “Mean” is the average Accuplacer Assessment Test score on the stated assessment (i.e. Reading Comprehension or Sentence Skills) for students who did and did not successfully complete the referenced English/Reading course.

*The current cut-scores were estimated based on the mean for each course and the standard deviation. One standard deviation below and above the mean was used to estimate the current cut-score ranges. This was done because each score is weighted based on the background measures and it wasn't possible to identify the current cut-scores.

**Reading results: 1) The average scores for the ENGL-976/READ-980 cut-scores are for entering students who graduated from high school in 2012 and earned a GOR in ENGL-914, READ-925, or READ-956. The difference between the successful and non-successful students was statistically significant. 2) The average scores are for the ENGL-010 cut-scores are for entering students who graduated from high school in 2012 and earned a GOR in ENGL-015. The difference between the successful and non-successful students was not statistically significant. 3) The average scores for the ENGL-101 cut-scores are for entering students who graduated from high school in 2012 and earned a GOR in ENGL-101. The difference between the successful and non-successful students was not statistically significant.

***Sentence Skills results: 1) The average scores for the ENGL-976/READ-980 cut-scores are for entering students who graduated from high school in 2012 and earned a GOR in ENGL-914, READ-925, or READ-956. The difference between the successful and non-successful students was statistically significant. 2) The average scores are for the ENGL-010 cut-scores are for entering students who graduated from high school in 2012 and earned a GOR in ENGL-015. The difference between the successful and non-successful students was not statistically significant. 3) The average scores for the ENGL-101 cut-scores are for entering students who graduated from high school in 2012 and earned a GOR in ENGL-101. The difference between the successful and non-successful students was not statistically significant.