

Assessment Report for General Education-Mathematics
Learning Outcome #1: the student will effectively apply mathematical skills

Academic Year	Assessment Method	Goal(s)	Actual Results	Analysis (What does it mean?)	Changes Required
2010-2011	College Algebra: Pre- and Post-Testing	85% should score higher on post than their pre-test	<ul style="list-style-type: none"> Pre-test average 47% Post-test average 72% 90% of the students improved on the post-test. 2% showing no increase as they scored 100% on pre-test. 	<ul style="list-style-type: none"> The beginning (pre-average) was higher than last year's student average (by 9 %) meaning that some are coming in with more prior learning in Algebra. Post average rose 3% from last year. 	None at this time
2011-2012	College Algebra: Pre- and Post-Testing	85% should score higher on post than their pre-test	<ul style="list-style-type: none"> Pre-test average 39.1% Post-test average 66.4% 87.5% of the students improved on the post test--- with another 2% showing no increase as they scored 100% on pretest. 	<ul style="list-style-type: none"> The beginning (Pre) average was lower than last year's student average (by 8 %), as was the post tests. While students are showing improvement, the post test results are low for this group. They do not seem to be retaining the outcomes as well. 	None at this time
2012-2013	College Algebra: Pre- and Post-Testing	85% should score higher on post than their pre-test	<ul style="list-style-type: none"> Pre-test average 48.2% Post-test average 73.6% 88.2% of the students improved on the post test 	<ul style="list-style-type: none"> Pleased with the improvement but think some comes from students being better-prepared academically this year Instructors like the new textbook and think it is better for student learning. 	None at this time
2013-2014	College Algebra: Pre- and Post-Testing	85% should score higher on post than their pre-test	<ul style="list-style-type: none"> Pre-test average 46.0% Post-test average 70.7% 91.0% of the students improved on the post test 38.8% showed significant improvement of 36% or more increase over pre-test 	<ul style="list-style-type: none"> Consistently meeting expectations and goal. 	None - We have also moved to a comprehensive final exam. Item analysis of each test question seems to reflect the same as the posttests for areas of weakness

UA Cossatot Mission Statement:

UA Cossatot embraces diversity and is committed to improving the lives of those in our region by providing quality education, outstanding service, and relevant industry training.

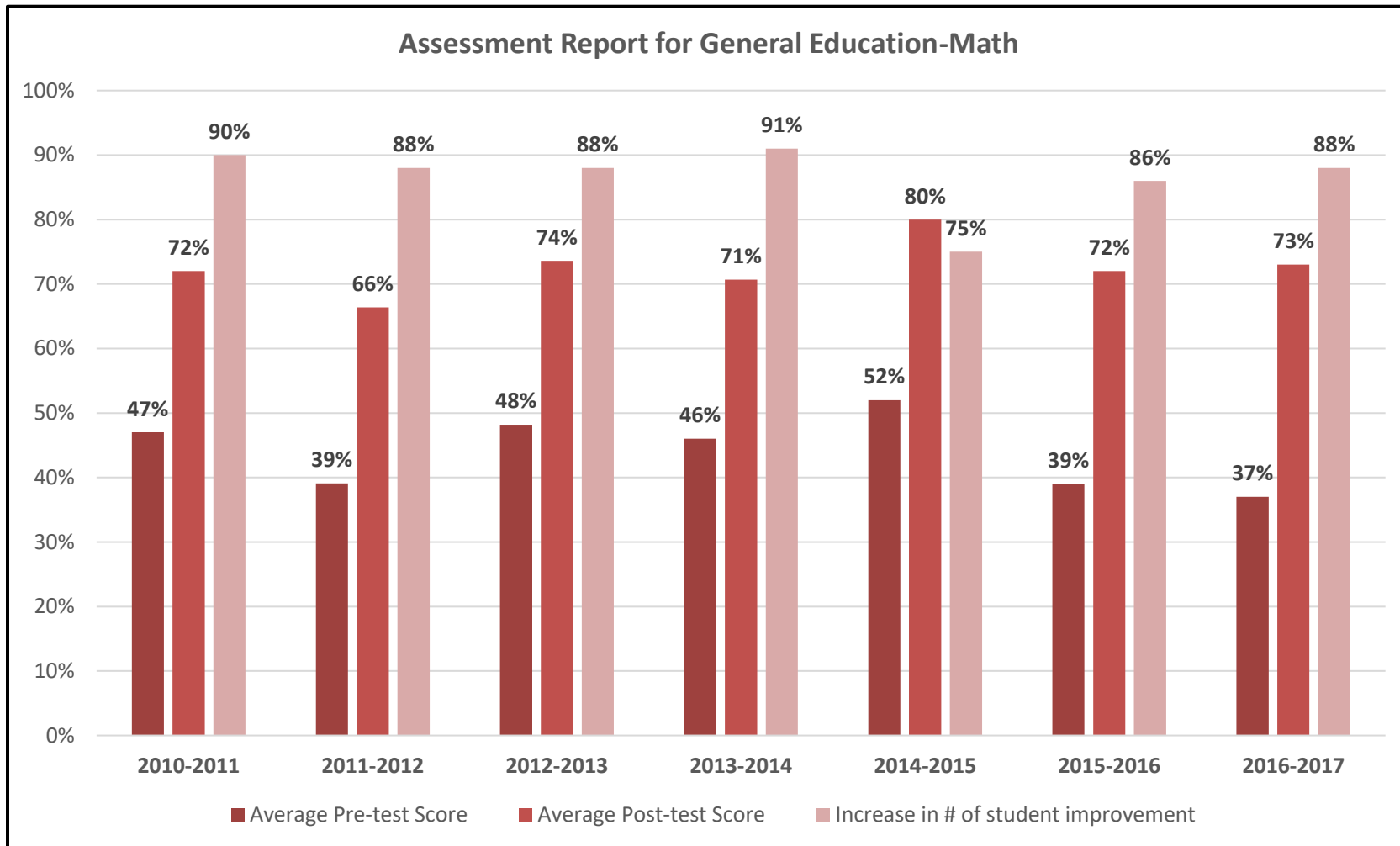
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2014-2015	College Algebra: Pre- and Post-Testing	85% should score higher on post than their pre-test	<ul style="list-style-type: none"> • Pre-test average 51.9% • Post-test average 79.5% • 75.3% of the students improved on the post test • 34% showed significant improvement of 43% or more increase over pre-test 	Did not quite meet the goal of 85%. 13% of the students showed no change. That is a significantly high number for this class since the pre-test showed a high average of knowledge to begin the course.	Have faculty stress the importance of trying their best on the post-test. Check to see if grades reflect the same results
2015-2016	College Algebra: Pre- and Post-Testing	85% should score higher on post than their pre-test	<ul style="list-style-type: none"> • Pre-test average 38.7% • Post-test average. 72.3% • 86.4% of the students improved on the post test • 9.1% stayed the same 	Met the goal of 85%	NONE
2016-2017	College Algebra: Pre- and Post-Testing	85% should score higher on post than their pre-test	<ul style="list-style-type: none"> • Pre-test average 37.3% • Post-test average. 73.3% • 87.8% of the students improved on the post test • 6.1% stayed the same 	Met the goal of 85%	NONE

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