

UVU Math Lab

The Math Lab seeks to develop students' ability to understand and apply mathematical principles and knowledge through tutoring, resources, and programs, which are offered in a relaxing, friendly atmosphere.

Intended Outcome

Students who consistently use the Math Lab — 15 or more visits — will have higher pass rates than other students.

Means of Assessment

Report generated by Institutional Research using TutorTrac data.

The math course pass rate for the cohort of students consistently using the lab will be at least 5% higher than those who use the lab less often and the department average.

Findings

For every individually measured course — MAT 0950, MAT 0990, MAT 1010, MATH 1050 — pass rates of the cohort of frequent users are 10 to 30 percentage points higher than department pass rates for those courses. (With the exception of one outlier.) Additionally, frequent lab users outperform all lab users by 11 and 12 percentage points when compared by semester.

What we learned

Consistent use of the Math Lab shows significant correlation to improved grades.

Implementation and Impact

The message that students who consistently use the Math Lab have higher pass rates has been used in marketing the lab to students and faculty. In determining the list of students who use the lab frequently we discovered a long list of students who come only a few times in the semester. We are now investigating the reasons why so many students don't return.

