ALAMO COLLEGES

PALO ALTO COLLEGE

AS Civil and Construction Engineering Technology

Career and Technical Education Degrees and Certificates

#1	AS Civil and Construction Engineering Technology Degree Student Learning Outcome Apply current technology to solve practical industrial problems.
	Courses in the degree plan that address this outcome ENGR 1304, ENGT 1409
	Assessment Measure for this Outcome Exercises and examinations in ENGR 1304 Engineering Graphics I and ENGT 1409 AC/DC Circuits for Engineering Technology.
	Achievement Target for this Measure 70 % of students will pass the final in ENGR 1304 Engineering Graphics I and the final in ENGT 1409 AC/DC Circuits for Engineering Technology courses with a C or better.
	Findings ENGR 1304-Greater than 70 % of students passed the final in ENGR 1304 Engineering Graphics I. ENGT 1409-Greater than 70 % of students passed the final in ENGT AC/DC Circuits for Engineering Technology.
	Related Action Plans Develop test blue prints for the final in ENGR 1304 and ENGT 1409 Work with students outside of class to provide necessary tutoring.
#2	AS Civil and Construction Engineering Technology Degree Student Learning Outcome Demonstrate product development, construction supervision, technical sales, component design, field service engineering, work force coordination, and supervision.
	Courses in the degree plan that address this outcome ENGR 1407, andENGT 2304.
	Assessment Measure for this Outcome Final examinations in ENGR 1407 Plane Surveying and ENGT 2304 Materials and Methods for Engineering Technology.
	Achievement Target for this Measure 70 % of students will pass the final in ENGR 1407 Plane Surveying and ENGT 2304 Materials and

	Methods for Engineering Technology courses with a C or better.
	Achievement Target for this Measure ENGR 1407-Greater then 70 % of students passed the final in ENGR 1407 Plane Surveying. ENGT 2304- Not offered in Fall 2010/
	Related Action Plans Develop Test Blue Prints for the finals Try to build larger classes to avoid mixing students from various classes. Offer tutoring to students outside of class. Monitor pre-requisites for courses.