



ALAMO
COLLEGES

PALO ALTO COLLEGE

AS Civil, Electrical or Mechanical Engineering

Career and Technical Education Degrees and Certificates

#1	AS Civil, Electrical or Mechanical Engineering Degree Student Learning Outcome Apply the principles of circuit analysis and network theory to electrical engineering problems.
	Courses in the degree plan that address this outcome ENGR 2305
	Assessment Measure for this Outcome The final examination in the ENGR 2305 Circuit Analysis and Network Theory Course.
	Achievement Target for this Measure 70% of the students will pass the final exam in ENGR 2305 Circuit Analysis and Network Theory Course with a C or better.
	Findings ENGR 2305 was not offered in Fall 2010.
	Related Action Plans Develop a test blue print for the final Monitor pre-requisites to assure success in the class. Avoid mixing courses. Offer additional tutoring.
#2	AS Civil, Electrical or Mechanical Engineering Degree Student Learning Outcome Apply principles of dynamics and statics to engineering.
	Courses in the degree plan that address this outcome ENGR 2301, ENGR 2302, ENGR 2303
	Assessment Measure for this Outcome The final examinations in the ENGR 2301 Mechanics 1: Statics, ENGR 2302 Mechanics II: Dynamics, and ENGR 2303 Engineering Mechanics – Statics and Dynamics courses.
	Achievement Target for this Measure 70% of the students will pass the finals in ENGR 2301 Mechanics 1: Statics, ENGR 2302 Mechanics II: Dynamics, and ENGR 2303 Engineering Mechanics – Statics and Dynamics Courses with a C or better.
	Findings



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	<p>ENGR 2301-Greater than 70% of the students passed the final exam in ENGR 2301 Mechanics 1.</p> <p>ENGR 2302- was not offered in Fall 2010.</p> <p>ENGR 2303-Greater than 70% of the students passed the final exam in ENGR 2303 combined Statics/Dynamics.</p>
	<p>Related Action Plans</p> <p>Create Test Blue Prints for the three finals</p> <p>Monitor pre-requisites to assure success in the class.</p> <p>Avoid mixing courses.</p> <p>Offer additional tutoring.</p> <p>Added a different adjunct instructor.</p>