



ALAMO  
COLLEGES

PALO ALTO COLLEGE

## AS Manufacturing and Mechanical Engineering Technology

Career and Technical Education Degrees and Certificates

#1	AS Manufacturing and Mechanical Engineering Technology Degree Student Learning Outcome  Utilize current technology to solve engineering problems.
	Courses in the degree plan that address this outcome  ENGR 1304, ENGT 2307
	Assessment Measure for this Outcome  The final examinations in ENGR 1304 – Engineering Graphics I and ENGT 2307 – Engineering Materials for Engineering Technology.
	Achievement Target for this Measure 70% of the students will pass the ENGR 1304 – Engineering Graphics I and ENGT 2307 – Engineering Materials for Engineering Technology finals with a C or better.
	<b>Findings</b> ENGR 1304- Greater than 70 % of students passed the final in ENGR 1304. ENGT 2307- Not offered in Fall 2010.
	Related Action Plans Develop Test Blue Prints for the Finals Monitor student pre-requisites. Offer tutoring. Avoid mixing classes. Rework the degree to meet the Field of Study and/or Engineering Compact.
#2	AS Manufacturing and Mechanical Engineering Technology Degree Student Learning Outcome  Use process principles to solve engineering problems.
	Courses in the degree plan that address this outcome  ENGT 2310
	Assessment Measure for this Outcome  The final examination in ENGT 2310 – Introduction to Manufacturing Processes.
	Achievement Target for this Measure 70% of students will pass the ENGT 2310 – Introduction to Manufacturing Processes final with a C or better.
	<b>Findings</b>



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	ENGT 2310-Not offered in Fall 2010.
	<p>Related Action Plans</p> <p>Develop Test Blue Prints for the finals</p> <p>Monitor student pre-requisites.</p> <p>Offer tutoring.</p> <p>Avoid mixing classes.</p> <p>Rework the degree to meet the Field of Study and/or Engineering Compact.</p>