



ALAMO
COLLEGES

PALO ALTO COLLEGE

Program Student Learning Assessment Plan/Report

Academic Year 2011-2012

Program/Award: Manufacturing Management Level I AAS Certificate

Program Lead Faculty: Ronnie Brannon

Department Chair: James Shelman

Outcome #1	Logistics Management: Manufacturing Management Level I AAS Certificate Student Learning Outcome Describe the automation of the manufacturing and operations system.
Measures	Courses in this certificate that address this outcome BMGT 1331 Assessment Measure for this Outcome Students are given questions during examinations in the form of discussion questions and case studies that make the student think and have to demonstrate an understanding of the automation of the manufacturing operation.
Targets	Achievement Target for this Measure 70% of assessed students make a "C" or better on the BMGT 1331 Production & Operations Management final exam case study.
Findings	Findings: 81% of students assessed in Fall 2011 made a "C" or better on the BMGT 1331 Production & Operations Management final exam case study.
Assessment of Previous Cycle's Action Plan	Course was not evaluated in previous assessment.
New Action Plans	Working more case studies with math problems will better enable students to have greater success on the final exam. Also ensuring that students have the appropriate level of math before they take the course is important as well.
Outcome #2	Logistics Management: Manufacturing Management Level I AAS Certificate Student Learning Outcome Describe the operations and production management as it relates to quality.
Measures	Courses in this certificate that address this outcome BMGT 2331 Students are given questions during final examinations on the case study that make the student think and have to demonstrate an understanding of quality in operations and production management.
Targets	70% of assessed student make a "C" or better on the case study BMGT 2331 Total Quality Management final.
Findings	Findings 82% of the students assessed in Spring 2012 made a "C" or better on the case study administered during the final exam.



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Assessment of Previous Cycle's Action Plan	Findings 90% of the students assessed made a "B" or better on the case study administered during the final exam.
New Action Plans	Instructors are staying current in the operations and quality area. No instructors who are Project Management Certified have been identified at this time. As more students work case studies in lower level class, this percentage should increase.
Outcome #3	Logistics Management: Manufacturing Management Level I AAS Certificate Student Learning Outcome Describe supervision and purchasing in the manufacturing operation.
Measures	Courses in this certificate that address this outcome BMGT 1313 Students are given questions during the final examinations in the form of discussion questions and case studies that make the student think and have to demonstrate and understanding of purchasing and supervision in manufacturing.
Targets	70 % of assessed student make a "C" or better on the BMGT 1313 Principles of Purchasing final exam case study.
Findings	Findings 92% of assessed students in Spring 2012 made a "B" or better on the BMGT 1313 Principles of Purchasing final exam case study.
Assessment of Previous Cycle's Action Plan	Course was not evaluated in previous assessment.
New Action Plans	Increase the complexity of the case studies in assignments and required readings. This additional rigor will assist in their overall performance on final exams.