Bluegrass Community and Technical College
2010-2011 Technical Programs - Assessing Student Learning Outcomes: A Snapshot

Collision Repair

2010-11 Student Learning Outcomes

Activity	Date accomplished	Brief Description
1. Identification of Student Learning Outcome - Identify the outcome that you plan to measure.	9/3/2010	Students will demonstrate quality workmanship in replacing structural panels on unibody automobiles.
2. Planning of Assessment - Determine appropriate assessment methodology and criteria for success - benchmarks.	9/3/2010	Instructor's evaluation - 95% of the students will receive a grade of 75% or higher based on the instructor's evaluation on workmanship in replacing structural panels.
3. Assessment - Perform assessment	April, 2011	Instructors evaluation on workmanship in replacing structural panels - 95% of the students will receive a grade of 75% or higher.
4. Review of Results - Gather and summarize data collected. Analyze and document results.	May, 2011	100% of the students received a 75% or higher.
5. Use of Results for Improvement - "Close the Loop"/use the results to make improvements.	May, 2011	While all of the students met the target level of achievement, additional measures have been implemented to provide additional experiences for the students. The first-year students coming into the program are challenged because, due to the course sequencing, they have not had the foundation classes. Additional assignments on donated vehicles and assigning first year students to a second year mentor have proved successful in bridging the gap faced by the incoming students. Encouragement to speak only English in the classroom and lab provides additional opportunities for the Hispanic students. As part of the curriculum sequence, these same actions will be in place as we reassess the 2009-2010 outcome for performing nonstructural repairs.

Activity	Date accomplished	Brief Description
1. Identification of Student Learning Outcome - Identify the outcome that you plan to measure.	9/3/2010	Students will utilize critical thinking skills, involving the use of various resources in problem solving as they relate to damage evaluation, vehicle structural dimension and refinish formulation.
2. Planning of Assessment - Determine appropriate assessment methodology and criteria for success - benchmarks.	9/3/2010	Instructor's evaluation - 95% of the students will receive a grade of 75% or higher based on the instructor's evaluation on the student's ability to utilize resources to identify procedures and correct measurements and mixing rates.
3. Assessment - Perform assessment	April, 2011	Instructors evaluation of students' ability to utilize resources to identify procedures, correct measurements, and mixing rates. 95% of the students will receive a 75% or higher on the evaluation.

4. Review of Results - Gather and summarize data collected. Analyze and document results.	May, 2011	All students received an evaluation by the instructor of 75% or higher.
5. Use of Results for Improvement - "Close the Loop"/use the results to make improvements.	May, 2011	In 2011-2012 the students' will be evaluated on the use of various resources in problem solving as they relate to non-structural dimension and refinish formulation incorporating the pairing of first year and second year students as described in the first 2010-2011 Student Learning Outcome.
Activity	**Date accomplished**	**Brief Description**
1. Identification of Student Learning Outcome - Identify the outcome that you plan to measure.	9/3/2010	Students will be aware of and comply with current OSHA and EPA safety standards (local, federal and state level standards).
2. Planning of Assessment - Determine appropriate assessment methodology and criteria for success - benchmarks.	9/3/2010	Students awareness will be assessed using three instruments: HMIS - 100% will pass with a score of 75% or better ICAR (Industry hazardous material) testing - 100% of the students will pass with a score of 75% or better. SP2 - Examination on health and safety in the workplace. 100 % of the students will score a 75% or higher.
3. Assessment - Perform assessment	December, 2010	HMIS, ICAR, and SPW with all students scoring 75% or higher.
4. Review of Results - Gather and summarize data collected. Analyze and document results.	January, 2011	Students completed testing in four areas. a. SP2 Collision Workshop Safety. b. SP2 Hazardous Materials in the workplace. c. HMIS recognition d. EPA CFR40, Part63, subpart HHHHHH. Painter certification. 4. 13 out of 14 students all passed with scores better than the required 75%. The average score was 86% for the combined results of Health and Safety testing. The one failing students dropped the program altogether.
5. Use of Results for Improvement - "Close the Loop"/use the results to make improvements.	January, 2011	Health and safety is an important component of the Collision Repair Program. The students will continue to build on this knowledge, by taking additional, advanced testing and taking part in random H&S tests to ensure retention of key/important information.