

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

Dental Lab

2010-11 Student Learning Outcomes

Activity	Date accomplished	Brief Description
1. Identification of Student Learning Outcome - Identify the outcome that you plan to measure.	8/31/2010	Students will be able to construct a denture.
2. Planning of Assessment - Determine appropriate assessment methodology and criteria for success - benchmarks.	8/31/2010	Capstone Project in fourth semester - The evaluation of the capstone project to construct a denture will be evaluated based on the five-point clinical acceptability scale. Eighty-five percent of the students will receive at least a 3 clinical acceptability score (equitable to a grade of 85%).
3. Assessment - Perform assessment	December, 2010	A complete denture project was evaluated based on levels of clinical acceptability.
4. Review of Results - Gather and summarize data collected. Analyze and document results.	December, 2010	100% of the students scored 85% or better.
5. Use of Results for Improvement - "Close the Loop"/use the results to make improvements.	January, 2011	Instructor reviewed the students' scores, adapted a new practice session for setting denture teeth.
Activity	Date accomplished	Brief Description
1. Identification of Student Learning Outcome - Identify the outcome that you plan to measure.	8/31/2010	Students will be able to fabric orthodontic appliances.
2. Planning of Assessment - Determine appropriate assessment methodology and criteria for success - benchmarks.	8/31/2010	Final Project - Maxillary hawley with a pontic will be used for the assessment using the five-point clinical acceptability scale. Eighty-five percent of the students will receive a score of 3 or higher (equitable to grade of 85%).
3. Assessment - Perform assessment	December, 2010	A maxillary hawley with a pontic was evaluated based on levels of clinical acceptability.
4. Review of Results - Gather and summarize data collected. Analyze and document results.	December, 2010	77.7% of the students scored 85% or higher. The total class average was 88.5%. One student scored a 75% because of a late penalty. This skewed the results.
5. Use of Results for Improvement - "Close the Loop"/use the results to make improvements.	January, 2011	Student scores were skewed as a result of one student's late penalty so it will be reassessed in 2011-2012. In addition, students will be required to spend a minimum of 2 laboratory sessions (outside of class time) to practice their orthodontic wire bending techniques.
Activity	Date accomplished	Brief Description

1. Identification of Student Learning Outcome - Identify the outcome that you plan to measure.	8/31/2010	Students will fabricate a variety of complex dental prostheses.
2. Planning of Assessment - Determine appropriate assessment methodology and criteria for success - benchmarks.	8/31/2010	Students will be assessed on their ability to fabricate two metal ceramic restorations one of which will have an all porcelain labial margin. Using the five-point clinical acceptability scale. Eighty-five percent of the students will receive a score of 3 or higher (equitable to a grade of 85%).
3. Assessment - Perform assessment	December, 2010	Two metal ceramic restorations, one with a porcelain labial margin, were evaluated based on levels of clinical acceptability.
4. Review of Results - Gather and summarize data collected. Analyze and document results.	December, 2010	67% of the students scored 85% or better.
5. Use of Results for Improvement - "Close the Loop"/use the results to make improvements.	January, 2011	The Program is researching the utilization of a new type of porcelain that performs with more consistency yielding better results. We did start using a new type of porcelain this fall, but the students haven't turned in a project with it yet.