

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

Surgical Technology

2010-11 Student Learning Outcomes

Activity	Date accomplished	Brief Description
1. Identification of Student Learning Outcome - Identify the outcome that you plan to measure.	8/17/2010	Students will be able to demonstrate safe, non-sterile pre-op environment based on operating room manager and Program Assessment Exam.
2. Planning of Assessment - Determine appropriate assessment methodology and criteria for success - benchmarks.	8/17/2010	Since the CST Exam is no longer available, the assessment tool will be the first five tasks on the <i>Mock Surgery Competency Evaluation</i> . 90% of the students will score 14 out of 18 points on the rubric.
3. Assessment - Perform assessment	October, 2010	The assessment tool will be the first five tasks on the Mock Surgery Competency Evaluation on pre-op competencies in the student laboratory. Eighty-five percent of the students will score 14 out of 18 points on the rubric.
4. Review of Results - Gather and summarize data collected. Analyze and document results.	November, 2010	The target outcome was achieved. 85% (17/20) of the students scored 14 points or better on the first five tasks on the Mock Surgery Competency Evaluation on pre-op competencies in the student laboratory which deals with Non-Sterile Pre-operative task. Average score in this area was 14.95 out of 18 points.
5. Use of Results for Improvement - "Close the Loop"/use the results to make improvements.	November, 2010	Being that this learning outcome has help to establish a baseline for the Non-Sterile Pre-operative task portion of the Mock Surgery I plan to emphasize this area during lecture and offer more practice in lab activities prior to the Mock Surgery next fall. Next fall I hope to increase the outcome to 90%.
Activity	Date accomplished	Brief Description
1. Identification of Student Learning Outcome - Identify the outcome that you plan to measure.	8/17/2010	Students will be able to gown, glove, set-up the back table and mayo stand correctly for basic surgical procedures (e.g. breast biopsy).
2. Planning of Assessment - Determine appropriate assessment methodology and criteria for success - benchmarks.	8/17/2010	Two assessments will be used: 1. <i>Mock Surgery Competency Evaluation</i> with 90% of the students scoring 12 out of 16 points. 2. Timing - 70% of the students will be able to gown, glove, set-up the back table and mayo stand within 15 minutes. The CST Exam is no longer available so the assessment tool will be the first five tasks on the <i>Mock Surgery Competency Evaluation</i> . 90% of the students will score 14 out of 18 points on the rubric.

3. Assessment - Perform assessment	October, 2010	1. Mock Surgery Competency Evaluation with 90% of the students scoring 12 out of 16 points on the related competencies. 2. Timing - 70% of the students will be able to gown, glove, set-up the back table and mayo stand within 15 minutes.
4. Review of Results - Gather and summarize data collected. Analyze and document results.	November, 2010	The target outcome was achieved. 90% (18/20) of the students scored 12 points or better on categories 5-8 on the Mock Surgery Competency Evaluation on pre-op competencies in the student laboratory which deals with the sterile gowning, gloving and Set-up of the back table and mayo stand. The target time was also achieved 90% (18/20) of the students accomplished the sterile set-up in 15 minutes or less
5. Use of Results for Improvement - "Close the Loop"/use the results to make improvements.	November, 2010	Being that this learning outcome has help to establish a baseline for the Sterile set-up portion of the Mock Surgery I plan to emphasize this area during lecture and offer more practice in lab activities prior to the Mock Surgery next fall. Next fall I hope to increase the outcome to 95%
Activity	Date accomplished	Brief Description
1. Identification of Student Learning Outcome - Identify the outcome that you plan to measure.	8/17/2010	Students will be able to identify surgical instruments used in the Operating Room
2. Planning of Assessment - Determine appropriate assessment methodology and criteria for success - benchmarks.	8/17/2010	85% of the students will be able to identify 90% of the instruments in the lab setting component of the final examination. The surgical instruments will be displayed on the classroom desk at 10 separate stations, of which the students will rotate from station to station with approximately 2 minutes to identify the 10 instruments at each station.
3. Assessment - Perform assessment	October, 2010	85% of the students will be able to identify 90% of the instruments in the lab setting component of the final examination. The surgical instruments will be displayed on the classroom desk at 10 separate stations, of which the students will rotate from station to station with approximately 2 minutes to identify the 10 instruments at each station
4. Review of Results - Gather and summarize data collected. Analyze and document results.	November, 2010	The target outcome was achieved. 90% (17/19) of the students identified 90% of the surgical instruments on the comprehensive instrument final exam
5. Use of Results for Improvement - "Close the Loop"/use the results to make improvements.	November, 2010	Being that this learning outcome has help to establish a baseline for the surgical instrumentation identification final exam. I will plan to emphasize the instrumentation during the lab activities and increase the scores to 90% of the students will be able to identify 90% of the instruments in the lab setting component of the final examination.