

GENERAL EDUCATION ASSESSMENT REPORT
 Cardiovascular Technology (Cardiac Sonography), 2004-2012
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STATEMENT OF INSTITUTION MISSION AND COLLEGE GOALS	SP Goal 5: Improve the process for assessing programs, courses, and student learning.
GENERAL EDUCATION OUTCOMES (or student learning outcome/program competency)	<p>Program Outcomes to be assessed (this is a sample; complete list available):</p> <ol style="list-style-type: none"> 1. Demonstrate the ability to review existing data in the patient record: <ul style="list-style-type: none"> • Verify the requested procedure correlates with the patient’s clinical history and presentation. • Obtain relevant information regarding the patient’s medical history and status from the patient or the patient’s medical record. • Evaluate any contraindications to the procedure; i.e.: microcavitation and contrast studies. • Communicate effectively with each patient, explanations, etc...in a manner consistent with patient’s age and ability to understand. 2. List and describe procedures utilized to diagnose heart disease. 3. List and describe common cardiac diseases; clinical signs and symptoms. 4. Discuss treatment plans in patients with cardiac ailments.
ASSESSMENT CRITERIA AND PROCEDURES	<p>Program assessment tools include: exams, clinical competencies, lab competencies, quizzes, and clinical journal. All students will be sampled. The director of the clinical education will be responsible for analysis of all results.</p> <p>Sample course (CVT215): The students are assessed using a likert scale by their clinical preceptor. The students were evaluated at the end semester because not all students enrolled performed this skill mid-semester. This assessment enables the faculty to assist the student on reaching their educational goals.</p>

	<p>Trajecsys online grading system was utilized as a measuring tool for CVT215 objectives. This is based on a likert scale (attachment available). 100% of students enrolled in CVT215 must achieve a 3 (average) on the likert scale for outcome 2. 100% of the students enrolled in CVT215 must achieve a 4 (above average) on the likert scale for outcomes 1 and 3. All students were sampled.</p>
<p>ASSESSMENT RESULTS</p>	<p>Sample Program assessment results: Examination Results: Analysis: 2011: 6 out of 8 graduates who took the ARDMS registry exam passed. One student took the pediatric CCI exam and successfully passed. 2010: No students took the CCI registry examination to date. The program recognizes that the students are not sitting for the ARDMS or the CCI examination after completion of the cardiac sonography program. Please note that the current program Director and Director of clinical education were hired in 2002 after selection and courses began for said class. Statistics are at best sketchy and unreliable prior to that date. The employers are not currently requiring the graduates to sit for the examination. With the IACEL accreditations we expect to see this trend shift and this issue rectified as the standard from the profession require this.</p> <p>2012 Report of Current Status for an Education Program in Cardiovascular Technology document is available.</p> <p>Sample course assessment results (CVT215): Outcome 1 – Students were evaluated with an average score of 98.86% with all students scoring a grade of 4 or greater on this outcome. Outcome 2 – while the minimum competency score expected for this outcome is a 3, 100% of the students received a 4.5 or higher. Outcome 3 – 98.4% of students received a 4 or greater. Observations: Outcome 1 – continue to monitor all students exceeded outcome Outcome 2 – the students exceeded the expectation</p>

	<p>with a grade of 4.5 or higher at an average of 99%. Outcome 3 – student interaction with patients and families is a critical component and we feel that 4 is the minimum score that students should obtain. All students met or exceeded this score.</p>
<p>USE OF THE RESULTS</p>	<p>Sample Program use of results: Action: 2011: no action plan required We are continuing to support the students in the credentialing process. However, until the standard changes we cannot require this. This year we searched the registries and updated prior graduating class information to reflect number of students credentialed.</p> <p>2012 Report of Current Status for an Education Program in Cardiovascular Technology document is available.</p> <p>Sample course (CVT215): Curricular Recommendations: Outcome 1 – none Outcome 2 – none Outcome 3 – the faculty implemented a professionalism component to the laboratory section of CVT213 in the fall and held the students accountable for their professional conduct in the simulation laboratory. This enabled faculty to work individually with the students regarding their professional conduct. In addition the midterm evaluation was changed to include areas of interpersonal communication. Amendments to Assessment process; Continue to monitor but move forward with other outcomes.</p>
<p>Additional Notes / Resources</p>	<p><u>CVT PROGRAM ASSESSMENT REPORT</u></p>