

**GENERAL EDUCATION ASSESSMENT REPORT**  
 Cardiovascular Technology (Invasive), 2004-2012  
 Kathy Werkhesier

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>Sample Program Outcomes:</p> <p>Demonstrate the ability to review existing data in the patient record:</p> <ul style="list-style-type: none"> <li>• Verify the requested procedure correlates with the patient’s clinical history and presentation.</li> <li>• Obtain relevant information regarding the patient’s medical history and status from the patient or the patient’s medical record.</li> <li>• Communicate effectively with each patient, explanation, etc...in a manner consistent with patient’s age, language, and educational level.</li> </ul> <p>List and describe procedures utilized to diagnose heart disease</p> <p>List and describe common cardiac diseases; clinical signs and symptoms and treatment options.</p> <p>Complete list of program outcomes is available.</p> <p>Program outcome related to communication suggests potential to map this assessment to the <b>Oral Communication General Education Outcome:</b>      Competently construct and effectively present orally, information designed to increase knowledge, to foster understanding, or to promote change in the listeners' attitudes, values, beliefs, or behaviors.</p>
ASSESSMENT CRITERIA AND PROCEDURES	<p>Program Assessment data derived from exams, clinical competency, invasive registry examination, laboratory competency, and demonstration in the clinical setting.</p> <p>Couse assessment criteria (Sample CVT224):      Students must demonstrate their ability to transition from the classroom into the clinical environment and apply knowledge and skills learned in the classroom and laboratory. Students will be evaluated by the clinical</p>

	<p>preceptor and the director of clinical education twice during the clinical experience.</p> <p>The Trajecsyst Online Clinical Reporting System; grading system is utilized as a measuring tool for Clinical I (CVT 224) objectives. This is based on the attached Likert Scale (available). 100% of students enrolled in CVT 224 must achieve an overall grade for the course of 75% or greater to successfully continue in the program.</p>
<p>ASSESSMENT RESULTS</p>	<p>Sample Program Assessment results:</p> <p>Attrition/Retention</p> <p>Analysis:</p> <p>2011 no attrition</p> <p>Total attrition for the class of 2010 is 16.67%. The student who was considering returning after maternity did not return and relocated out of our area. One student did not pass a course but has returned to our program for the 2010-2011 academic year. Although we had numerous applicants some did not accept placement into our program citing family issues, monetary issues and change of decision. The student who did not successfully complete the program in 2010 joined the cohort in fall 2010 and graduated in August of 2011.</p> <p>Total attrition in 2009 is 25%. One student dropped due to medical problems with pregnancy. She was on leave of absence but determined not to re-enroll in August 2009. Second student passed away with sudden onset of vasculititis in March 2009.</p> <p>Total attrition in 2008 is 28.57%. One student was dropped for cheating and the second student failed to successfully complete a core course in the first semester.</p> <p>Total attrition in 2007 is 12.55% (1 student). The student failed a course that was required to continue in the program. The student decided not to re-enroll and is studying Entrepreneurial studies at HACC.</p> <p>Total attrition for 2006 is 25% (2 students). One student dropped from the program for health issues and a second dropped due to an ill and aging parent problem.</p> <p>2012 Report of Current Status for an Education Program in Cardiovascular Technology document is available.</p> <p>Sample Course assessment results (CVT224):</p>

	<p>Data Analysis and Observations:</p> <p>Outcome #1: Identify patients for examination and assist them into the scanning room. 100% of students met the outcome of above average. The average score was 4.25 on a 1-5 likert scale.</p> <p>Outcome #1: Explains the procedure to the patient. 75% of students were successful in meeting the expectation of a 4 on the 1-5 likert scale. One student achieved the highest rating; a 5 on the likert scale. The remaining student was evaluated as a 3 which is average. The rating of "3" is considered average, however, all clinical instructors will address effective communication in the health care setting. We have offered a new course "CVT 100" during the spring 2012 semester which specifically addresses professionalism and effective communication in the health care setting for cardiac patients in particular. We feel this will improve the outcomes in subsequent years</p>
<p>USE OF THE RESULTS</p>	<p>Sample Program use of results:</p> <p>Action: 2010 Graduates: we have added mandatory information sessions that students must attend prior to application to the invasive or cardiac sonography students. We explain the program in detail and review the course schedule, demands on life and the like. This has helped students to gain an understanding of the professional requirements in our program.</p>
<p>Additional Notes / Resources</p>	<p><a href="#">PROGRAM ASSESSMENT REPORT CVT(Invasive)</a></p>