



**ASSESSMENT REPORT
FOR MEDICAL
TECHNOLOGY
PROGRAM**

Interdisciplinary Arts & Sciences/Med. Tech./Tampa
(Academic Degree Program and Campus)

Bachelor of Science
(Degree Level)

Fall 2002 – Spring 2003

March 30, 2004

Student Learning Outcome #1

At the mid-term of their internships, USF Medical Technology students will be evaluated by their hospital administrators and assessed to be among the top 50% of comparable internship students.

ASSESSMENT PLAN - The completed assessment plan is e-mailed to Oaplans@acad.usf.edu at the beginning of the assessment period.

Means of Assessment #1: At the mid-term of their internships, USF Medical Technology students will be evaluated by their hospital administrators and assessed.

Criteria for Success: Students are accepted into hospital internships from a variety of backgrounds, including some having prior bachelor's degrees or prior employment experience in hospital laboratories, in addition to those from USF's undergraduate program. It is the goal of the USF Medical Technology program that our internship students will compare positively to other hospital internship students in the evaluation of their laboratory skills and scientific knowledge.

ASSESSMENT REPORT - These items are completed after assessment activities, at the end of the assessment period. Completed assessment reports are e-mailed to: Oareports@acad.usf.edu

Findings: What findings resulted from assessment activities?

For the August 2002 graduating class, the hospital affiliates reported satisfactory progress for all nine internship students in each of the preceding semesters (Fall 2001, Spring 2002, and Summer 2002).

Each of the nine graduates earned a B or better in each of the eight internship courses (30 credit hours).

For the December 2002 graduating class, the hospital affiliates reported satisfactory progress for both internship students in each of the preceding semesters (Spring 2002, Summer 2002, and Fall 2002). Both of the graduates earned a B or better in each of the eight internship courses (30 credit hours).

Students from both groups are thus rated to be among the top 50% of comparable students (or higher).

Use of Results: What changes, if any, were made in response to the findings? This section should indicate that faculty members reviewed the assessment findings.

At the Fall 2002 annual hospital affiliates meeting, the hospital administrators and program directors discussed the progress of our students and agreed to continue sending progress reports on each student to the program director at the conclusion of each semester.

Student Learning Outcome #2

Upon completion of hospital internship, 80% of USF Medical Technology graduates will pass the American Society for Clinical Pathology Board of Registry Examination

ASSESSMENT PLAN - The completed assessment plan is e-mailed to Oaplans@acad.usf.edu at the beginning of the assessment period.

Means of Assessment #1: ASCP exam results will be compiled and analyzed by the USF Medical Technology Program.

Criteria for Success: Students are required to pass the ASCP exam in order to work as Medical Technologists. It is the goal of USF's Medical Technology Program to enable students to have not only the knowledge required to work as Medical Technologists, but also all necessary credentials. As a passing score on the American Society for Clinical Pathology Board of Registry Examination is one of the required credentials for employment in the field, at least 80% of our graduates should pass this examination in their first sitting.

ASSESSMENT REPORT - These items are completed after assessment activities, at the end of the assessment period. Completed assessment reports are e-mailed to: Oareports@acad.usf.edu

Findings: What findings resulted from assessment activities?

Scores for the ASCP exam were obtained from the hospital affiliates for all nine of the August 2002 graduates, and for one of the December 2002 graduates. One student missed the deadline and did not take the ASCP exam.

All ten students who took the ASCP exam passed on their first sitting. The minimum overall passing score is 400. The national averages for these periods were 498 (August) and 474 (December). Our ten students scored an average of 592, with a range of 487 to 673.

Use of Results: What changes, if any, were made in response to the findings? This section should indicate that faculty members reviewed the assessment findings.

No changes are necessary as our graduates who took the exam had a 100% passing rate. At the Fall 2002 annual hospital affiliates meeting, the hospital administrators and program directors discussed the success of our USF students from all hospital programs. USF coursework as well as the training in each hospital program is credited for the continued success of our students.

Student Learning Outcome #3

80% of USF Medical Technology graduates will pass the individual section tests on Chemistry, Immunology, and Microbiology of the American Society for Clinical Pathology Board of Registry Examination with a scaled score of 500 or better.

ASSESSMENT PLAN - The completed assessment plan is e-mailed to Oaplans@acad.usf.edu at the beginning of the assessment period.

Means of Assessment #1: ASCP exam results will be compiled and analyzed by the USF Medical Technology Program.

Criteria for Success: The ASCP exam tests students in six areas. Students receive instruction in three of the areas at USF prior to beginning the hospital internship (Chemistry, Immunology, and Microbiology). It is the goal of the USF Medical Technology program that our graduates have above average competency in each of these areas. Each graduate of USF's Medical Technology program should therefore score at least 100 points higher than passing (400) in each of these three areas on the American Society for Clinical Pathology Board of Registry Examination.

ASSESSMENT REPORT - These items are completed after assessment activities, at the end of the assessment period. Completed assessment reports are e-mailed to: Oareports@acad.usf.edu

Findings: What findings resulted from assessment activities?

Individual exam results were obtained from a hospital affiliate for four of the August 2002 graduates. The scores for these students in Chemistry were 518, 580, 618, and 610. Immunology scores were 751, 624, 751, and 497. Microbiology scores were 630, 609, 577, and 488.

Our goal for Chemistry was met by 100% of the students, and our goals for Immunology and Microbiology were met by 75%.

Use of Results: What changes, if any, were made in response to the findings? This section should indicate that faculty members reviewed the assessment findings.

Results were only available for four of the eleven graduates, so although the results of three out of these four students met our goal, in future assessments, we hope to obtain results for a greater percentage of our graduates. In future assessments, we will try to determine if grades in related USF courses are predictors of success on these portions of the ASCP exam.