

Argosy University
Name of College: Health Sciences
Name of Program: Medical Technology (BS)
Assessment Year: 2016-17

To support program quality and integrity, Argosy University’s Medical Technology program undergoes annual assessment reviews. Below are some statistics, findings, interventions and outcomes related to those reviews. For further details, contact Program Chair, Jessica Hoernemann at jhoernemann@argosy.edu.

By The Numbers	2015-2016	2016-2017	2017-2018
Annual Enrollment (Total Headcount)	17	32	38
Annual Enrollment Demographics: Race and/or Ethnicity			
White	12	11	8
Black/African American	3	16	24
Asian	1	4	6
American Indian/Alaskan Native	1	0	0
Unknown	0	1	0
Gender			
Female	12	17	18
Male	5	15	20
Graduation Rate (3 year average % of students who begin 2 nd half of program and graduate)			
	88% (3 year average covering graduates from 7/1/13-6/30/16)	94% (3 year average covering graduates from 7/1/14 – 6/30/17)	<i>Not yet determined</i>
Job Placement Rate (3 year average % of students who find employment as a Medical Technologist or related field, or who continue their education within 1 year of graduation)			
	69% (3 year average covering graduates from 7/1/12-6/30/15)	75% (3 year average covering graduates from 7/1/13-6/30/16)	<i>Not yet determined</i>
Certification Exam Pass Rate (3 year average % of students who successfully pass the American Society of Clinical Pathology Board of Certification Exam within 1 year of graduation)			
	67% (3 year average covering graduates from 7/1/12-6/30/15)	56% (3 year average covering graduates from 7/1/13-6/30/16)	<i>Not yet determined</i>

Achievement of Program Outcomes

Program Outcome 1: Communication

- Effectively present healthcare concepts, both written and oral, appropriate to the audience

Program Goal: 90% of students score an average of 3 or higher on the aspects of the assignment related to effective communication

Measure	Results (% who met or exceeded benchmark)
Students were assessed via the Signature Assignment at the Mastery Level in the Advanced Clinical Microbiology course (MTE350) through the development of a case study. The assignment required students to create a patient scenario, write a thorough discussion section, and develop a quiz that could be used to assess the reader's knowledge of the selected topic.	100% of students scored 3 or higher

Program Outcome 5: Managing Resources

- Given a lab environment, direct and manage financial resources in a way that promotes cost-effective laboratory services.
- Recognize and apply effective leadership skills in collaboration with laboratory professionals to offer value-added services.
- Given a medical environment, demonstrate the ability to provide orientation to new employees and update requisite knowledge and skills of other laboratory professionals.

Program Goal: 90% of students will receive a score of 3.0 or higher on the set of laboratory management exercises.

Measure	Results (% who met or exceeded benchmark)
Students were assessed via the Signature Assessment at the Mastery Level in the Lab Operations, Management, and Education course (MTE 360) through the completion of three exercises related to laboratory management.	94% of students received scores of 3.0 or higher on the three sets of case studies.

**Closing the Loop:
Updated Results of AY2014-15 Action Plan**

	PLANNED ACTION AND RATIONALE	ACTION TAKEN	RESULTS
1	<p><u>AY14-15 Action Taken:</u> Action taken in response to the need to better prepare students for the American Society of Clinical Pathology (ASCP) Board of Certification exam.</p>	<p>Added review learning modules and pre- and post-test opportunities to the clinical training semester.</p>	<p><u>AY16-17 Updates:</u> Students who utilized the review learning modules reported feeling more confident about their skills and more prepared to take the certification exam in the end-of-program surveys. The program will continue to provide supplemental review materials and monitor student satisfaction as well as certification exam performance to see if additional interventions are necessary to improve performance on the examination.</p>
2	<p><u>AY14-15 Action Taken:</u> Action taken to update course content to remain aligned with current practices in the field and with educational opportunities provided at competing schools</p>	<p>Updated courses to include more current techniques in the laboratory, including molecular diagnostic procedures. Appropriate equipment was purchased to facilitate these course updates and new laboratory exercises have been implemented as appropriate in courses that include a lab component.</p>	<p><u>AY 16-17 Updates:</u> Students have continued to perform well on the simulated laboratory exercises. Students have also performed well on related tasks during the clinical training experience. End-of-program surveys show that students are satisfied with the laboratory experiences and feel that they are being adequately prepared by their course work. We will continue to review courses and evaluate the need for updates in both equipment and methodology to maintain the high standards of this program.</p>

**Closing the Loop:
Updated Results of AY2015-16 Action Plan**

	PLANNED ACTION AND RATIONALE	ACTION TAKEN	RESULTS
1	<u>AY15-16 Action Taken:</u> Action taken in response to newly published entry-level curriculum recommendations from the American Society for Clinical Laboratory Sciences (the nationally recognized professional society).	Review course objectives and contents to ensure that curriculum is in alignment with current entry level curriculum recommendations from the professional society	<u>AY16-17 Updates:</u> Each course was reviewed and adjustments were made as necessary to ensure that our program courses are meeting the expectations of the professional society in addition to our programmatic accreditor.