

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

To support program quality and integrity, Argosy University's Medical Laboratory 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](mailto:jhoernemann@argosy.edu).

<b>By The Numbers</b>	<b>2015-2016</b>	<b>2016-2017</b>	<b>2017-2018</b>
<b>Annual Enrollment (Total Headcount)</b>	59	52	38
<b>Annual Enrollment Demographics: Race and/or Ethnicity</b>			
<b>White</b>	13	10	6
<b>Black/African American</b>	35	33	27
<b>Hispanic or Latino</b>	0	0	1
<b>Asian</b>	8	7	3
<b>Unknown</b>	3	2	1
<b>Gender</b>			
<b>Female</b>	37	35	25
<b>Male</b>	22	17	13
<b>Graduation Rate</b> (3 year average % of students who begin 2 <sup>nd</sup> half of program and graduate)			
	85% (3 year average covering graduates from 7/1/13-6/30/16)	89% (3 year average covering graduates from 7/1/14 – 6/30/17)	<i>Not yet determined</i>
<b>Job Placement Rate</b> (3 year average % of students who find employment as a Medical Laboratory Technician or related field, or who continue their education <b>within 1 year of graduation</b> )			
	87% (3 year average covering graduates from 7/1/12-6/30/15)	89% (3 year average covering graduates from 7/1/13-6/30/16)	<i>Not yet determined</i>
<b>Certification Exam Pass Rate</b> (3 year average % of students who successfully pass the American Society of Clinical Pathology Board of Certification Exam <b>within 1 year of graduation</b> )			
	89% (3 year average covering graduates from 7/1/12-6/30/15)	87% (3 year average covering graduates from 7/1/13-6/30/16)	<i>Not yet determined</i>

### Achievement of Program Outcomes:

Program Outcome 3: Utilize critical thinking skills to recognize and/or report normal, abnormal, and critical values and take appropriate action.

Goal: 95% of students will score a 3 or better on the lab skills results.

<b>Measure</b>	<b>Results</b> (% who met or exceeded benchmark)
Students were assessed via Signature Assignment in the Immunohematology course (MLT 279) at <b>Mastery Level</b> in a skills assessment to evaluate initial lab results and if abnormal, determine appropriate follow-up actions to complete patient testing in a timely manner.	95% of students scored a 3 or better on the lab skills result

Program Outcome 4: Demonstrate a professional relationship with healthcare workers and patients.

Goal: 100% of students will receive a 3.0 or better on the affective skills assessment completed by the clinical supervisor.

<b>Measure</b>	<b>Results</b> (% who met or exceeded benchmark)
Students were assessed via Signature Assignment in the Clinical Training course (MLT 290) at the <b>Mastery Level</b> via assessment of their affective (professional) skills by clinical preceptors at each clinical internship location.	100% of students received 3.0 or better on the affective skills assessment.

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

	<b>PLANNED ACTION AND RATIONALE</b>	<b>ACTION TAKEN</b>	<b>RESULTS</b>
1	<b><u>AY14-15 Action Taken:</u></b> Action taken in response to discovery that the Clinical Chemistry II laboratory course was not providing adequate/realistic experiences for students	Based on the AY14-15 review, the Clinical Chemistry II course was updated to provide experiences that are more realistic. Exercises were developed to correspond more closely with lecture to reinforce theoretical concepts and a skill assessment was implemented that included performance of basic testing procedures and required the student to evaluate calibration and quality control results.	<b><u>AY16-17 Updates:</u></b> Students are meeting performance goals as observed in the skills assessment and show a stronger understanding of the theoretical concepts as observed in lecture exam performance. We will continue to utilize the updated lab curriculum and monitor student performance each term.
2	<b><u>AY14-15 Action Taken:</u></b> Action taken in response to discovery that students were not performing at expected level in task prioritization and multitasking skills at clinical internship locations	Based on AY14-15 review and advisory board meeting, the Comprehensive Review course was updated to provide additional opportunities to develop task prioritization and multitasking skills. A skills assessment was incorporated into the newly updated course to track performance at the campus level, and clinical preceptors are asked to assess students' skills in these areas during the internship.	<b><u>AY 16-17 Updates:</u></b> The new course and assessment were implemented and assessed during AY15-16. Based on initial findings, the multitasking experiences as well as the assessment rubric were refined. Faculty report that it is easier to assess student performance on a week-by-week basis, and clinical preceptors as well as our advisory board report that student performance during the clinical internship has improved.

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

	<b>PLANNED ACTION AND RATIONALE</b>	<b>ACTION TAKEN</b>	<b>RESULTS</b>
1	<b><u>AY15-16 Action Taken:</u></b> Action taken in response to unclear results/difficulty assessing Program Outcome 2 during the AY15-16 assessment cycle	Reformatted the signature assignment in the Clinical Chemistry I course to align with Program Outcome 2 for more effective assessment in future terms.	<b><u>AY16-17 Updates:</u></b> The new signature assignment was implemented and effectively used to assess student performance on Program Outcome 2 at the end of each term the course has run. This data will be useful in future program reviews.
2	<b><u>AY15-16 Action Taken:</u></b> 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	<b><u>AY 16-17 Updates:</u></b> 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.