

Program Learning Report

Program Name: Medical Laboratory Technician

Date: AY 2011-2012

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Program SLOs	Evidence of Industry Validation (CTE programs)	Expected Level of Achievement	COURSE(S) ASSESSED	Assessment Strategy/ instrument	Results of Program Assessment ¹	Next Steps ²
1. Perform the clinical laboratory procedures expected of a medical laboratory technician.	Clinical Rotation Evaluation and American Society for Clinical Pathology (ASCP) certification examination	90%	MLT 100 MLT 100B MICR 130 MLT 107 MLT 108 MLT 112 MLT 118 MLT 204 MLT 207 MLT 211 MLT 212 MLT 242 B,C,D,E	Course Examination and Laboratory Exercises OR Clinical Rotation Evaluations AND ASCP Certification Examination	201/207 = 97.1% achieved 70.0% proficiency or greater. Clinical Rotation Evaluations: 84/84 = 100% ASCP Pass Rate: 14/14 = 100%	Update curriculum and syllabi for each class with the MLT alpha to reflect current trends and demands in the Clinical Laboratory Sciences. Increase minimum proficiency for MLT program courses from 70.0% to 75.0% for AY 2014 – 2015.

¹Results of program assessment: % of students who met the outcome(s) and at what level they met the outcome(s)

²Next Steps: what will the program do to improve the results? Next steps can include revision to syllabi, curriculum, teaching methods, student support, and other.

Program SLOs	Evidence of Industry Validation (CTE programs)	Expected Level of Achievement	COURSE(S) ASSESSED	Assessment Strategy/ instrument	Results of Program Assessment ³	Next Steps ⁴
2. Use knowledge of laboratory results to make clinical interpretations.	Clinical Rotation Evaluation and American Society for Clinical Pathology (ASCP) certification examination	90%	CHEM 161L CHEM 162L MICR 130 MLT 107 MLT 108 MLT 112 MLT 118 MLT 204 MLT 207 MLT 211 MLT 212 MLT 242 B,C,D,E	Course Examination and Laboratory Exercises OR Clinical Rotation Evaluations AND ASCP Certification Examination	257/260 = 98.8% achieved 70.0% proficiency or greater. Clinical Rotation Evaluations: 70/70 = 100% ASCP Pass Rate: 14/14 = 100%	Update curriculum and syllabi for each class with the MLT alpha to reflect current trends and demands in the Clinical Laboratory Sciences. Increase minimum proficiency for MLT program courses from 70.0% to 75.0% for AY 2014 – 2015.

³Results of program assessment: % of students who met the outcome(s) and at what level they met the outcome(s)

⁴Next Steps: what will the program do to improve the results? Next steps can include revision to syllabi, curriculum, teaching methods, student support, and other.

Program SLOs	Evidence of Industry Validation (CTE programs)	Expected Level of Achievement	COURSE(S) ASSESSED	Assessment Strategy/ instrument	Results of Program Assessment ⁵	Next Steps ⁶
3. Apply the cognitive and technical skills necessary to function effectively in a clinical laboratory.	Clinical Rotation Evaluation and American Society for Clinical Pathology (ASCP) certification examination	90%	BIOL 130 BIOL 171 ZOO 141/142 CHEM 161 CHEM 162 MICR 130 MICR 161 MLT 100B MLT 107 MLT 108 MLT 112 MLT 118 MLT 204 MLT 207 MLT 211 MLT 212 MLT 242 B,C,D,E	Course Examination and Laboratory Exercises OR Clinical Rotation Evaluations AND ASCP Certification Examination	287/292 = 98.3% met the outcomes at 70.0% proficiency or greater. Clinical Rotation Evaluations: 84/84 = 100% ASCP Pass Rate: 14/14 = 100%	Update curriculum and syllabi for each class with the MLT alpha to reflect current trends and demands in the Clinical Laboratory Sciences. Increase minimum proficiency for MLT program courses from 70.0% to 75.0% for AY 2014 – 2015.

⁵Results of program assessment: % of students who met the outcome(s) and at what level they met the outcome(s)

⁶Next Steps: what will the program do to improve the results? Next steps can include revision to syllabi, curriculum, teaching methods, student support, and other.

Program SLOs	Evidence of Industry Validation (CTE programs)	Expected Level of Achievement	COURSE(S) ASSESSED	Assessment Strategy/ instrument	Results of Program Assessment ⁷	Next Steps ⁸
4. Maintain the ethical and professional standards necessary in a clinical laboratory and the healthcare industry.	Clinical Rotation Evaluation and American Society for Clinical Pathology (ASCP) certification examination	90%	MLT 100 MLT 100B MLT 240 MLT 242 B,C,D,E	Course Examination and Laboratory Exercises OR Clinical Rotation Evaluations AND ASCP Certification Examination	55/57 = 96.5% met the outcomes at 70.0% proficiency or greater. Clinical Rotation Evaluations: 82/82 = 100% ASCP Pass Rate: 14/14 = 100%	Update curriculum and syllabi for each class with the MLT alpha to reflect current trends and demands in the Clinical Laboratory Sciences. Increase minimum proficiency for MLT program courses from 70.0% to 75.0% for AY 2014 – 2015.

⁷ Results of program assessment: % of students who met the outcome(s) and at what level they met the outcome(s)

⁸ Next Steps: what will the program do to improve the results? Next steps can include revision to syllabi, curriculum, teaching methods, student support, and other.

Program SLOs	Evidence of Industry Validation (CTE programs)	Expected Level of Achievement	COURSE(S) ASSESSED	Assessment Strategy/ instrument	Results of Program Assessment ⁹	Next Steps ¹⁰
5. Demonstrate the knowledge and skills necessary to function in a multicultural society.	Clinical Rotation Evaluation and American Society for Clinical Pathology (ASCP) certification examination	90%	ENG 100+ MATH 103+ MLT 100 MLT 100B AS/SS 100+ AS/AH 100+ MLT 240 MLT 242 B,C,D,E	Course Examination and Laboratory Exercises OR Clinical Rotation Evaluations AND ASCP Certification Examination	205/207 = 99.0% met the outcomes at 70.0% proficiency or greater. Clinical Rotation Evaluations: 96/96 = 100% ASCP Pass Rate: 14/14 = 100%	Update curriculum and syllabi for each class with the MLT alpha to reflect current trends and demands in the Clinical Laboratory Sciences. Increase minimum proficiency for MLT program courses from 70.0% to 75.0% for AY 2014 – 2015.

⁹ Results of program assessment: % of students who met the outcome(s) and at what level they met the outcome(s)

¹⁰ Next Steps: what will the program do to improve the results? Next steps can include revision to syllabi, curriculum, teaching methods, student support, and other.

Program SLOs	Evidence of Industry Validation (CTE programs)	Expected Level of Achievement	COURSE(S) ASSESSED	Assessment Strategy/ instrument	Results of Program Assessment ¹¹	Next Steps ¹²
6. Utilize interactive and communicative skills necessary to function in the medical industry as well as society as a whole.	Clinical Rotation Evaluation and American Society for Clinical Pathology (ASCP) certification examination	90%	ENG 100+ MLT 100 MLT 100B AS/SS 100+ AS/AH 100+ MLT 240 MLT 242 B,C,D,E	Course Examination and Laboratory Exercises OR Clinical Rotation Evaluations AND ASCP Certification Examination	188/190 = 98.9% met the outcomes at 70.0% proficiency or greater. Clinical Rotation Evaluations: 84/84 = 100% ASCP Pass Rate: 14/14 = 100%	Update curriculum and syllabi for each class with the MLT alpha to reflect current trends and demands in the Clinical Laboratory Sciences. Increase minimum proficiency for MLT program courses from 70.0% to 75.0% for AY 2014 – 2015.

Please complete the table above. Please also submit:

1. Grid showing alignment of courses to program outcomes
2. If the program outcomes have not all been assessed this year, please include an assessment plan: what outcomes will be assessed, when they will be assessed and how will they be assessed

¹¹ Results of program assessment: % of students who met the outcome(s) and at what level they met the outcome(s)

¹² Next Steps: what will the program do to improve the results? Next steps can include revision to syllabi, curriculum, teaching methods, student support, and other.