Outcome Assessment Timeline

Academic Programs

**Medical Laboratory Technician**

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| **APR /SLO 3-Year Cycle** | **2018-2019** |
| **Course ID** | **Course-Level Student Learning Outcome (CSLO)** | **Measure/Collect Data** | **Discuss & Plan** |
| MLT 80 | Demonstrate communication skills to ensure correct, effective, courteous and appropriate information transfer. (MLT 80; ISLO 1) | FA 2018 | SP 2019 |
| Student will be able to apply basic laboratory math to prepare solutions, dilutions and solve standard deviation and coefficient of variation equations. (MLT 80; ISLO 5) |
| Student will be able to explain the differences between regulatory agencies and their relationship to the clinical laboratory. (MLT 80; ISLO 7) |
| MLT 90 | Demonstrate communication skills to ensure correct, effective, courteous and appropriate information transfer. (MLT 90; ISLO 2) | FA 2018 | SP 2019 |
| Determine the diagnostic and therapeutic significance of laboratory results. (MLT 90; ISLO 5) |
| MLT 90L | Evaluate case study presentations by other students.  | FA 2018 | SP 2019 |
| Demonstrate communication skills to ensure correct, effective, courteous and appropriate information transfer. |
| MLT 100 | Demonstrate thinking and reasoning skills to ensure correct interpretation of laboratory values as related to disorders of the hemostatic process. (MLT 100; ISLO 2) | FA 2018 | SP 2019 |
| Evaluate patient case studies and their clinical correlation. (MLT 100; ISLO 5) |
| MLT 100L | Demonstrate information competency by using web-based reference material to support printed reference material. (MLT 100L; ISLO 5) | FA 2018 | SP 2019 |
| Demonstrate essential troubleshooting techniques used in professional practice. (MLT 100L; ISLO 2) |
| MLT 102 | Demonstrate communication skills to ensure correct, effective, courteous and appropriate information transfer.  | SP 2019 | SU 2019 |
| The Students will demonstrate knowledge of fundamental principles of Clinical Hematology, Coagulation, Body Fluids and Urinalysis by obtaining a minimum score of 75% on the Performance Checklist (PCL) at the end of the clinical rotation. |
| MLT 110 | Demonstrate communication skills to ensure correct, effective, courteous and appropriate information transfer. | FA 2018 | SU 2019 |
| Determine the diagnostic and therapeutic significance of laboratory results |
| MLT 110L | Student will be able to accurately communicate patient laboratory test results to the appropriate members of the health care team.  | FA 2018 | SP 2019 |
| Demonstrate safe laboratory practice to include maintenance of working environment, abiding by all safety rules and regulations. |
| MLT 111 | Demonstrate communication skills to ensure correct, effective, courteous and appropriate information transfer. | SP 2019 | SU 2019 |
| . Exhibit analytical and critical thinking skills necessary to succeed in laboratory medicine. |
| MLT 111L | Student will be able to accurately communicate patient laboratory test results to the appropriate members of the health care team.  | SP 2019 | SU 2019 |
| Demonstrate administrative skills consistent with philosophies of quality assurance, and continuous quality improvement. |
| MLT 112 | Demonstrate professional conduct and interpersonal communication skills with patients, laboratory personnel, other health care professionals, and with the public.  | SP 2019 | SU 2019 |
| The Students will demonstrate knowledge of fundamental principles of Clinical Chemistry by obtaining a minimum score of 75% on the Performance Checklist (PCL) at the end of the clinical rotation. |
| MLT 120 | Demonstrate communication skills to ensure correct, effective, courteous and appropriate information transfer. | SP 2019 | SU 2019 |
| Demonstrate basic knowledge and technical ability essential to the practice of Clinical Laboratory Science. |
| MLT 120L | Demonstrate communication skills to ensure correct, effective, courteous and appropriate information transfer.  | SP 2019 | SU 2019 |
| Demonstrate error recognition and the ability to integrate and interpret analytical data and establish a course of action to solve problems. |
| MLT 121 | Demonstrate professional conduct and interpersonal communication skills with patients, laboratory personnel, other health care professionals, and with the public.  | FA 2018 | SP 2019 |
| The Students will demonstrate knowledge of fundamental principles of Clinical Microbiology by obtaining a minimum score of 75% on the Performance Checklist (PCL) at the end of the clinical rotation. |
| MLT 130 | Demonstrate professional conduct and interpersonal communication skills with patients, laboratory personnel, other health care professionals, and with the public.  | SU 2019 | FA 2019 |
| Adhere to rules and regulations promoting workplace and patient safety and Continuous Quality Improvement (CQI). |
| MLT 130L | Provide accurate patient results using laboratory standards.  | SU 2019 | FA 2019 |
| Recognize factors that affect procedures and results, and take appropriate actions within predetermined limits when corrections are indicated. |
| MLT 130L | Provide accurate patient results using laboratory standards.  | FA 2018 | SP 2019 |
| Recognize factors that affect procedures and results, and take appropriate actions within predetermined limits when corrections are indicated. |
| MLT 131 | Demonstrate professional conduct and interpersonal communication skills with patients, laboratory personnel, other health care professionals, and with the public. | FA 2018 | SP 2019 |
| The Students will demonstrate knowledge of fundamental principles of Clinical Immunology/Immunohematology by obtaining a minimum score of 75% on the Performance Checklist (PCL) at the end of the clinical rotation |
| MLT 132 | Student will describe and compare the etiology, epidemiology, signs and symptoms, and diagnostic evaluation of various immune disorders.  | FA 2018 | SP 2019 |
| Apply critical thinking skills to serological problems encountered, specifically, utilizing immunology principles and theories and applying these to results obtained. |
| Utilize the internet to acquire information about specific topics as they relate to the field of Immunology/Serology |
| MLT 132L | Recognize limitations of expertise during the performance of procedures and communicate with instructor when problems arise. | FA 2018 | SP 2019 |
| Apply knowledge gained from the laboratory and the textbook to trouble shoot and problem solve serological results obtained during student laboratory. |
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| **Program** | **Program-Level Student Learning Outcome (PSLO)** | **Measure/Collect Data** | **Discuss & Plan** |
| Medical Laboratory Technician, Associate in ScienceGoal 1 | Ability to articulate professionally and competently with all stakeholders in the healthcare setting regarding patient care. | SU 2019 | FA 2019 |
| Medical Laboratory Technician, Associate in ScienceGoal 2 | Analyze and evaluate medical laboratory science theory to achieve a minimum passing score of 400 on the American Society for Clinical Pathology (ASCP) board of certification exam. | SU 2019 | FA 2019 |
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**Directions & Helpful Hints**

In the spaces provided on the timeline, please list course-level and program-level student learning outcomes and when each will be assessed.

 **APR/SLO 3-Year Cycle**: The APR/SLO cycle begins with a compressive program review and ends just before the next comprehensive is due.

 **Course ID:** Insert course designator (e.g., ENGL 114, MATH 60, COMM 103)

 **Course-Level Student Learning Outcome (CSLO):** Write in each CSLO listed on the course outline of record. This can be accessed in CurricUNET.

 **Measure:** Insert the semester(s) each CSLO will be measured, and entered into eLumen.

 **Discuss & Plan:** State the semester the faculty will meet to discuss assessment results and create action plans as needed.

 **Program:** State the program being assessed.

 **Program-Level Student Learning Outcome (PSLO):** State the PSLO(s) for each program listed.

Considerations for Completing the SLO Assessment Timeline:

As per the SCEA contract, “The timeline shall ensure that all SLOs in all sections for each course are to be assessed at least once during the 3-year cycle, with a maximum number of course SLOs per section collected by a Unit member at any one time being three (3)”.

According to the ACCJC Standard II.A.3, “The institution identifies and regularly assesses learning outcomes for courses, programs, certificates. And degrees using established institutional procedures.”