

Annual Program Review – Medical Laboratory Technology (2025–2026)

Form: Annual Program Review

Field	Value
Submitted by	Lynne Smith (16841)
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Year	2025–2026
User	Marla Smith
Program	Medical Laboratory Technology
Begin Date	Jan 5, 2026

A. Program Learning Outcomes

Date of review: Jan 5, 2026

Reviewed with instructors (department meetings), advisory board (fall), and students; added review sessions and online practice tests to increase certification rates.

Outcomes status: Up-to-date in Coursedog and on the program web page.

B. Course Syllabi

All required syllabus components are included.

Date of review: Jan 5, 2026; syllabi up-to-date in Coursedog.

Syllabi reviewed: ML 171 Immunology and ML 121 Urinalysis & Body Fluid; spring Immunology to include more molecular diagnostics; no advisory-board changes requested.

C. Program Competencies

Date of review: Jan 5, 2026

Competencies reviewed by instructors; clinical site evaluations reviewed for issues; no changes at this time; competencies up-to-date in Coursedog.

D1. Course Assessments

Variety of assessments used across courses.

Assessments used:

- Oral examinations/presentations
- Written essays
- Written reports
- Examinations
- Comprehensive final exams
- Peer evaluations

- Clinical/internship observations
- Capstone projects
- Quizzes
- Lab demonstrations
- Simulations

D2. Course Assessments – Continued

Assessments matched to outcomes/competencies.

Changes: Introduced four timed 180-question online practice exams during externship semester; in spring 2025 added weekly review sessions using worksheets, game-based quizzes, and Q&A from ASCP review materials; 2025 cohort showed improvements across subjects on successive practice tests.

Higher-level thinking: Case studies and reverse scaffolding help students integrate cross-department lab data; final lab practical reinforces applied analysis and evaluation.

E. Certifications

Practice exams and weekly reviews implemented to strengthen ASCP exam preparation; continuous monitoring of content area performance (Urinalysis, Hematology).

F. Program Internships/Externships

Clinical evaluations completed at clinical sites; data evaluated in fall program assessment and reviewed with advisory board.

Curriculum changes: None planned (only two externs last year; continue monitoring).

H–N. Program Metrics and Satisfaction

Measure	Status
H. Enrollment	33% (below benchmark); actions: more career fairs/presentations; new lab hallway poster to raise awareness.
I. Retention	Benchmark met; additional academic and personal support, including counseling and review sessions.
J. Graduation	67% (below benchmark this year due to very small cohort size); expectation to rebound to 100% with larger cohort.
K. In-field Job Placement	100% (meets benchmark).
L. Student Satisfaction	Meets Noel-Levitz satisfaction benchmark; strong course evaluation feedback.
M. Alumni Satisfaction	≥80% benchmark met; alumni requested more online practice tests — implemented.
N. Employer Satisfaction	≥80% benchmark met; actions: added abnormal differentials for externs; implementing reverse scaffolding to build diagnostics synthesis.

O. Professional Development

Faculty completed MediaLab and MED training modules to stay current with new information and technologies.

P. Professional Organizations

Faculty belong to professional organizations and inform students about relevant associations.

Q. Advisory Board Recommendations

Eliminate high-school chemistry requirement (barrier to admission); add Intro to Chemistry in first fall semester.

Eliminate standalone medical terminology requirement (reduce overload); integrate med-term into technical lectures.

Responsible: Lynne Smith. Implementation: Aug 24, 2026.

R. Program Improvement Plans

No budget impact expected; adding microbiology and blood bank simulators with student-assessed fee.

Anticipated costs: \$0 to program budget.

Contact

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