

**LYCEUM OF THE PHILIPPINES UNIVERSITY
COLLEGE OF ALLIED MEDICAL PROFESSIONS**

BS MEDICAL LABORATORY SCIENCE

PROGRAM EDUCATIONAL OBJECTIVES

Graduates of the Medical Laboratory Science Program are expected to attain the following objectives 3 to 5 years after graduation:

1. Have passed the licensure examination.
2. Demonstrate competence in the performance of clinical laboratory tests in aid of diagnosis, treatment, monitoring and management of diseases.
3. Exhibit an attitude of professionalism and leadership in collaboration with other disciplines and membership in professional organizations.
4. Demonstrate commitment to lifelong learning through continuing education.
5. Participate in research and community services to develop knowledge of health, disease, healthcare management and education.

***STUDENT OUTCOMES (SOs) AND
PERFORMANCE INDICATORS (PIs)***

The Medical Laboratory Science student should attain the following by the time of graduation:

a. An ability to demonstrate theoretical knowledge and technical skills required for career entry into the Medical Laboratory Science profession.

Performance Indicators

- a.1 Independently take examinations (written, practical, computer).
- a.2 Safely collect, handle, and process biological specimens for testing.
- a.3 Accurately perform laboratory testing.
- a.4 Apply acquired learning through internship.
- a.5 Analyze and interpret laboratory test data.
- a.6 Monitor testing procedures, equipment and professional/technical competency using quality assurance methodologies.
- a.7 Operate instrumentation properly and perform appropriate preventive and corrective maintenance.
- a.8 Adhere to all laboratory safety rules and regulations.
- a.9 Use computers and laboratory software effectively.
- a.10 Carry out the evaluation of new procedures and instruments.

b. An ability to demonstrate interpersonal skills required to practice in the profession.

Performance Indicators

- b.1 Follow verbal and written instructions.
- b.2 Communicate with faculty members, fellow students, laboratory staff, and other health care professionals both verbally and in writing.
- b.3 Clearly instruct patients prior to specimen collection.

c. An ability to develop effective critical thinking and problem solving skills.

Performance Indicators

- c.1 Generate data to be used in patient care, evaluate the validity of that data and assure its reliability before reporting.
- c.2 Recognize errors and the ability to integrate and interpret analytical data, and establish a course of action to solve problems.
- c.3 Recognize and identify problems then take appropriate corrective action.
- c.4 Demonstrate administrative skills consistent with philosophies of quality assurance, continuous quality improvement, laboratory education, fiscal resource management, and appropriate composure under stressful conditions.

d. An ability to show professional and ethical behavior.

Performance Indicators

- d.1 Maintain confidentiality of patient test results.
- d.2 Apply principles of educational methodology.
- d.3 Apply principles of management.

e. An ability to undertake research studies contributing to the upliftment of the Medical Laboratory Science profession.

Performance Indicators

- e.1 Identify research topic relevant to the field of study.
- e.2 Design appropriate methods.
- e.3 Perform the research according to plan.
- e.4 Analyze and interpret research data.
- e.5 Relate and communicate research results.