

OVERALL OBJECTIVES OF THE PROGRAM

When the student has completed the program in Medical Laboratory Science offered by St. Christopher's Hospital for Children, the student is expected to display the following competencies at career-entry level:

A. Cognitive Domain:

1. Recognize the role of the medical laboratory as it relates to patient care; i.e., diagnosis and treatment of disease.
2. Demonstrate knowledge of principles, procedures and techniques of all routine and some special laboratory procedures.
3. Correlate laboratory data to determine the probable diagnosis (diagnoses) for a patient.
4. Select other tests that could be performed to support or confirm a patient's diagnosis.
5. Apply knowledge of Quality Control in maintaining accuracy and precision in all areas of the medical laboratory.
6. Evaluate new methods and procedures with minimal assistance through application of basic scientific principles, accepted laboratory techniques, cost analysis and other management techniques.
7. Apply a problem-solving approach in all areas of endeavor in the medical laboratory.
8. Demonstrate ability to achieve stated minimum performance level in all areas of didactic and clinical performance.
9. Obtain certification as a medical laboratory scientist.

B. Affective Domain:

1. Demonstrate attitudes of compassion, concern and cooperation for all patients, coworkers and allied health care personnel.
2. Assume responsibility of professional pride through active involvement in opportunities for continuing education.
3. Assume a positive and cooperative attitude towards assignments given.
4. Demonstrate an awareness of professional limitations and understand when to request assistance.
5. Exhibit initiative in assuming responsibilities within a given role without supervision.
6. Demonstrate a willingness to apply principles of leadership and supervision within assigned roles.
7. Demonstrate understanding and reasons for aiding in education of others in the profession by presentation of formal demonstrations and lectures as a student or employee.
8. Voluntarily maintain acceptable standards of personal appearance and professionalism, as may be defined by the institution.

9. Assume a mature outlook in interpersonal relationships with patients, hospital staff and physicians.
10. Abide by the ethical principles outlined in the "Philosophy".

C. Psychomotor Domain:

1. With coordination, manual dexterity and efficiency, accurately perform productive laboratory determinations with technical expertise commensurate with familiarity of procedures in use.
2. Productively and efficiently operate specific laboratory instruments following only the usual orientation needed by a new employee.
3. Identify instrument malfunction and correct by module substitution or by referring to operation and service manual at a level which requires moderate supervision or consultation with service representative.
4. Keep organized records of work performed.
5. Use laboratory manuals in an appropriate manner.