The Medical Laboratory Technician Program of Seminole State College is a two-year course of study leading to an Associate in Applied Science degree and eligibility to sit for the ASCP (American Society of Clinical Pathologist) certification examination.

The Medical Laboratory Technician Program is fully accredited through NAACLS (National Accrediting Agency for Clinical Laboratory Sciences). "Accreditation is defined as the process by which an agency or organization evaluates or recognizes a program of study or an institution as meeting certain predetermined qualifications or standards." (Taken from the NAACLS Guide to Accreditation). The primary purpose of the accreditation process is to ensure that students completing these programs are able to demonstrate entry level competencies as described below:

**Entry Level Competencies**

Medical Laboratory Technicians are proficient in:

A. Collecting and processing biological specimens for analysis;
B. Performing analytical tests on body fluids, cells, and products;
C. Recognizing factors that affect procedures and results, and taking appropriate actions within predetermined limits when corrections are indicated;
D. Monitoring quality control within predetermined limits;
E. Performing preventive and corrective maintenance of equipment and instruments or referring to appropriate source for repairs;
F. Applying principles of safety;
G. Demonstrating professional conduct and interpersonal communication skills with patients, laboratory personnel, other health care professionals, and with the public;
H. Recognizing the responsibilities of other laboratory and health care personnel and interacting with them with respect for their jobs and patient care;
I. Applying basic scientific principles in learning new techniques and procedures;
J. Relating laboratory findings to common disease processes; and
K. Recognizing and acting upon individual needs for continuing education as a function of growth and maintenance of professional competence.

Upon graduation and initial employment, the medical laboratory technician should be able to demonstrate entry level competencies in the above areas of professional practice.