

Programmatic Essential Functions Medical Laboratory Science Certificate and BS CLS – Medical Laboratory Science Track

The SHRP-Essential Functions were developed to assist each student in evaluating their capabilities and chances for success in a particular program. In order for students to do this accurately, program specific Essential Functions must indicate what is required to do well in the academic program, as well as, the skills/functions required to be successful in that particular allied health professional role. The following standards pertain to particular cognitive, motor, behavioral and social skills that are associated with the educational process for your allied health program:

Programmatic Standards

Observational Standards

- Visually distinguish colors of tubes, reagents, labels, test strips, instruments, microscopic cells and structures, biological specimens and on any other device or printout used in a diagnostic laboratory procedure.
- Characterize color, odor, clarity, and viscosity of biologic specimens, cultures, reagents, or products of chemical reactions.
- Hear/respond to verbal directions; communicate verbally in English to patients, supervisors, coworkers, and instructors.
- Accurately observe demonstrations and exercises in the classroom, student laboratory, or clinical setting including virtual simulations.

Communication Standards

- Document necessary information on patient specimens and on appropriate forms or information systems in the student laboratory and in the clinical practice sites, and communicate the information to appropriate members of the health care team.
- Gather, evaluate and report patient data.
- Communicate effectively and efficiently orally and in writing with all members of the healthcare team.
- Read and comprehend written material to correctly and independently perform laboratory test procedures.

Intellectual/Conceptual Standards

- Measure, calculate, analyze, synthesize, integrate, and apply information.
- Use problem solving to identify and correct malfunctions of laboratory equipment and unexpected outcomes of laboratory test procedures.
- Maintain confidentiality, and uphold the ethical standards of the profession.
- Perform frequent practical, oral, written, or computer-based examinations and/or demonstrations.
- Attend and participate in didactic and clinical education on and off campus.
- Participate in patient education.

Motor Skills Standards

- Collect blood specimens and perform laboratory analysis on a variety of medical specimens.
- Manipulate with precision hand-held devices, equipment, and microscopes, and knobs, dials or keypads on computers and diagnostic instruments.
- Palpate/feel with precision the location of veins when performing phlebotomy procedures.
- Sit/stand for prolonged periods of time.

Behavioral and Social Standards

- Demonstrate appropriate interpersonal skills to work productively with staff and co-workers.
- Accept and follow through on directives and instructions.
- Work safely, efficiently, calmly, accurately, and in a timely manner under stressful conditions.
- Prioritize multiple tasks, and maintain composure while managing multiple tasks simultaneously.