



Course Description

HSC0003L | Introduction to Health Care Laboratory | 0.50 credits

This course focuses on the performance of basic healthcare skills. Students will apply body mechanics and ergonomics, standard precautions used in infection control procedures and perform and record vital signs. Corequisite: HSC0003

Course Competencies:

Competency 1: The student will be able to perform proper body mechanics and ergonomics used to prevent injury in health care settings by:

1. Demonstrating proper posture and methods of standing and walking to prevent injury
2. Demonstrating the correct steps to lift and carry objects to prevent injury

Competency 2: The student will be able to demonstrate the application of standard precautions used in infection control procedures to maintain the safety of health care professionals, patients, and others by:

1. Demonstrating the proper procedure for identifying patients
2. Applying correct infection control techniques using gloves and personal protective equipment (gowns and eye protection) to prevent the spread of diseases, including blood-borne pathogens
3. Demonstrating correct hand washing procedures to support medical asepsis

Competency 3: The student will adequately perform and record vital signs by:

1. Demonstrating the correct use of equipment and application of procedural steps to measure blood pressure and accurately record the findings manually
2. Performing the appropriate procedure for counting respirations and correctly recording the findings
3. Performing the appropriate procedure for counting a radial pulse and recording the findings correctly
4. Demonstrating the correct procedure to take an electronic, oral temperature and accurately record the findings

Learning Outcomes:

- Communicate effectively using listening, speaking, reading, and writing skills
- Use quantitative analytical skills to evaluate and process numerical data
- Solve problems using critical and creative thinking and scientific reasoning