CVT301 – Cardiovascular Diagnostic Techniques I

Introduction in cardiac physiology and medical instrumentation is applied to cardiovascular laboratory procedures including patient preparation and monitoring, equipment setup, and the coronary angiography procedure itself. This course will also examine catheters, guide wires, needles, and patient closure devices related to invasive cardiovascular procedures.

Students become certified CPR basic rescuers (American Heart Association Healthcare Provider with AED). Medical asepsis and infection control are discussed. Training in vital signs and first aid procedures complete this course.

"My father had a heart attack and when I was with him in the CCL I told myself this is what I want to do." — James Hazelton

RAD200 Respiratory Fundamentals I

Respiratory Care is a health care discipline specializing in the promotion of cardiopulmonary (heart and lung) function and health. The respiratory therapist is involved in the assessment, treatment, management, and care of patients diagnosed with cardiopulmonary system deficiencies and abnormalities. This course is designed to help the student understand the clinical applications and therapeutic applications of respiratory care and the pathologic conditions treated by the respiratory therapist. This course has a lab component.

"I really enjoyed this class; learning more techniques and information to better take care of my children who have asthma." — Angela Jessup

PN104 – Development of the Caregiver Role

Introduction to nursing and the nursing process as related to promoting healthy functional health patterns across the life span; opportunity to develop and practice psychomotor skills related to health assessment, promotion, maintenance, and illness prevention.

"After my husband’s death, I wanted to help other families with kindness, compassion and professionalism." — Deborah Travis

MLT201 – Hematology

This course focuses on the origins, morphology, biochemistry and function of blood cells. The laboratory evaluation and importance is discussed in relation to diagnosis and treatment of hematological disorders. This course contains a laboratory component to help students develop the skills necessary for the performance of diagnostic tests.

"I chose the Medical Laboratory Technician field, because I like science related things." — Kyle Sammons

MTL101 – Introduction to Medical Laboratory

This introductory course discusses the principles of microscopy, laboratory math, reagent preparation, laboratory safety, quality control, and common laboratory equipment usage. Information is presented to increase the students’ general knowledge of the medical laboratory. This course includes a laboratory portion so that students may perform various laboratory techniques.

"Every morning the security officer is for the performance of diagnostic procedures. The laboratory portion of this course is designed to help the student understand the clinical applications and therapeutic applications of respiratory care and the pathologic conditions treated by the respiratory therapist. This course has a lab component.

"The instructors have shown complete attention to the students. This program is by far, put together to achieve student success in the ‘real world’ environment." — Kelly Barton

SUR201 – Surgical Procedures I

This course is designed to provide the student with direct guidelines and supervision necessary for the course and orientation from laboratory course work to the clinical site as an entry-level surgical technician.

"My experience here has been wonderful! The staff and instructors are always willing to go the extra mile for their students." — Deirdre Williams

212 – Medical Laboratory Procedures

Students are trained in patient instruction, quality control, blood collection, and laboratory procedures. These procedures include hematology, immunology, microbiology, chemistry, urinalysis, venipuncture, capillary sticks, and the care and use of the microscope.

"After my husband’s death, I wanted to help other families with kindness, compassion and professionalism." — Deborah Travis

"I chose Spencerian because I wanted to attend a college that had a specific hands-on program for nursing. I also wanted to receive my LPN in a year." — Lindsey Embry

"Spencerian has some of the best attentive teachers that I have ever seen. I’m learning how to be a professional and a great nurse." — Khalilah Stum

"I really enjoyed this class; learning more techniques and information to better take care of my children who have asthma." — Angela Jessup