



Undergraduate Certificate Program in Interventional Cardiovascular Technology

This program will help you complete your educational requirements and prepare for national certification examinations in invasive cardiovascular technology. Students may enroll at any point in the curriculum and be finished in as little as three semesters. There is an optional clinical course offered for those needing competency requirements. This program is offered **100% ONLINE!**



ALHE 4610: Introduction to Health Care Quality

This course will define healthcare quality and the quality characteristics expected in high-performing healthcare organizations. A study of how healthcare quality is measured, assessed, and improved.

ALHE 4600: Teamwork and Leadership Challenges for the Healthcare Professional

Content is designed to provide the skills necessary for the healthcare professional to provide leadership in workplace performance and professional development to promote efficient and effective patient care.

OR

ALHE 4911: Advanced Certification Clinical

Students will be supervised in a clinical education setting to perform advanced imaging procedures. Emphasis will be placed on students competently performing those procedures unique to their advanced imaging modality.

ALHE 4910: Invasive Cardiovascular Procedures

Explore angiographic approaches to diagnostic and interventional procedures performed in a cardiovascular lab. Topics covered include patient positioning during interventional cardiac procedures, cardiac anatomy and pathology, radiation protection, and image critique.

ALHE 4920: Cardiovascular Imaging Equipment

Cover advanced interventional equipment and physiologic monitoring equipment. This course will explore the inventory used in interventional cardiovascular lab, including automatic injectors, catheters, guide wires, needles, intravascular ultrasound, and other equipment.

ALHE 4930: Cardiovascular Patient Care

Identify the patient care skills needed to be proficient in the invasive cardiovascular lab. Topics covered will include the physical assessment of the patient, pre- and post-procedure monitoring of the patient, and evaluation of access sites.

ALHE 4940: Cardiovascular Hemodynamics

Identify normal and abnormal hemodynamic pressures and waveforms. Students will also be taught advanced mathematical calculations and conversions related to cardiovascular hemodynamics.

**Flexible enrollment*

**No out of state tuition for 100% online students*

For more information:

email: SAH@nsula.edu

phone: 318-677-3020

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