



Complete your educational requirements and prepare for national certification examinations through NSU's new

**100% ONLINE**

## **Post-Baccalaureate Certificate Program in Interventional Cardiovascular Technology**

### **Invasive Cardiovascular Procedures (3 hrs.)\***

This course explores 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.

### **Cardiovascular Imaging Equipment (3 hrs.)\***

This course covers 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.

### **Cardiovascular Patient Care (3 hrs.)\***

This course identifies 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.

### **Cardiovascular Hemodynamics (3 hrs.)\***

This course will enable students to identify normal and abnormal hemodynamic pressures and waveforms. Students will also be taught advanced mathematical calculations and conversions related to cardiovascular hemodynamics.

*\*Classes will begin January 2018*

*\*All of the courses are scheduled so that they may be completed in only two semesters.*

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