

To assist in making a decision about pursuing this program, the following is a general overview of the physical requirements, working conditions and job duties of Invasive Cardiovascular (Cath Lab) Technologists.

Invasive Cardiovascular Technologists

Invasive Cardiovascular Technologists assist physicians with cardiac catheterization procedures in which a small tube or catheter, is threaded through a patient's artery from a spot on the patient's groin to the heart. The procedure can determine whether a blockage exists in the blood vessels that supply the heart muscle. Part of the procedure may involve balloon angioplasty, which can be used to treat blockages of blood vessels or heart valves without the need for heart surgery. Technologists prepare patients for cardiac catheterization and balloon angioplasty by first positioning them on an exam table and then shaving, cleaning and administering anesthesia to the top of the leg near the groin. During the procedures, they monitor the patient's blood pressure and heart rate with EKG equipment and notify the physician if something appears to be wrong. They may also prepare and monitor patients during open-heart surgery and during the insertion of pacemakers and stints that open up blockage in arteries to the heart and major blood vessels.

Invasive Cardiovascular Techs may work various shifts, tend to work long hours and may work evenings. They are also typically required to be on call during the night and on the weekends. Most employers recommend a credential of a Registered Cardiovascular Invasive Specialist (RCIS).

Invasive Cardiovascular (Cath Lab) Technologists are expected to have the ability to:

- Regularly talk and hear muffled sounds over medical equipment and through surgical masks
- Regularly communicate effectively via speech, reading and writing
- Regularly stand, sit, reach with hands and arms, use hands and finger to handle and feel
- Regularly possess fine finger dexterity and good hand-eye coordination to manipulate equipment, while simultaneously inputting data into a machine or working with a patient
- Regularly read small print/numbers, sometimes in dim lighting
- Frequently be able to wear a 20 pound lead apron for long periods of time
- Occasionally walk, climb or balance, bend/stoop, squat, crouch or crawl, reach above shoulder-level
- Occasionally lift patients requiring 50 pounds of force
- Occasionally push equipment and patient transport carts
- Occasionally be able to remain in one position for up to six hours at a time

Source: www.bls.gov, www.acp-online.org and local job descriptions

Prerequisite Coursework

Prior starting the Invasive Cardiovascular coursework, students must successfully complete the following prerequisite classes below. Students can either take these courses at Southeast Tech or transfer some/all of these classes from a previous college or university.

Please check the boxes below indicating your plan for the prerequisite classes:

Student Success Seminar	SSS 100	<input type="checkbox"/> Transfer this course/complete	<input type="checkbox"/> Take at Southeast Tech
Applied Physics	PHYS 100	<input type="checkbox"/> Transfer this course/complete	<input type="checkbox"/> Take at Southeast Tech
Mathematical Reasoning	MATH 103	<input type="checkbox"/> Transfer this course/complete	<input type="checkbox"/> Take at Southeast Tech
OR College Algebra	MATH 114T		
Chemistry Survey	CHEM 106T	<input type="checkbox"/> Transfer this course/complete	<input type="checkbox"/> Take at Southeast Tech
Certified Nursing Assistant (CNA)	HC 106	<input type="checkbox"/> Transfer this course/complete	<input type="checkbox"/> Take at Southeast Tech
Medical Language	HC 117	<input type="checkbox"/> Transfer this course/complete	<input type="checkbox"/> Take at Southeast Tech
Applied Anatomy/Physiology	HC 118	<input type="checkbox"/> Transfer this course/complete	<input type="checkbox"/> Take at Southeast Tech

**All Science Courses require successful completion of Lecture and Lab (CHEM 106, PHYS 100 & HC 118)*

***CHEM 106 or PHYS 100 is required a prerequisite. The remaining can be moved to the first Fall semester.*

The following statement best describes my program plan:

I have completed the all of the prerequisite courses and plan to start directly into the Invasive Cardiovascular program.

I have not completed one or more of the prerequisite courses and plan to attend _____ a semester before the Invasive Cardiovascular program begins. *Name of school*

Prerequisite Start (Fall, Spring or Summer)

Fall _____
Program Start (2020-2021-2022)

Background Check & Drug Screen Disclosure Statement

1. I understand and acknowledge, as a requirement for my desired program, I must successfully pass a drug screening, criminal background check, or both, at my own expense by the date given to me by Southeast Tech.
2. I understand failure to pass the drug screening, background check, or both, by this date may result in my immediate termination from the program.
3. I understand the results of a drug screening, criminal background check or both may affect my eligibility to continue in the program. Furthermore, I understand that the results of a drug screening, background check, or both, may also affect my eligibility to attend a clinical or internship site and/or my eligibility to take specific courses in my program.
4. I understand the results of a drug screening, criminal background check, or both, may affect my eligibility to take a board/certification exam or gain employment in my desired program career field.
5. I understand any incident reported on my criminal background check may require additional expense and documentation submission for certification exam approval prior to the start of core program courses.

By signing below, I acknowledge I have read the above information and understand the general physical requirements, working conditions and job duties typically associated with Invasive Cardiovascular Technologists. I understand that this information is general in nature and actual conditions and job duties may vary.

Name _____

Signature _____ Date _____