

(90-MED-04-01) CARDIOLOGY TECHNICIAN

1. Significance of Program

As a radiography assistant or imaging support worker, you'll work closely with diagnostic radiographers who use imaging to work out which disease or condition is causing a patient's illness and/or therapeutic radiographers who use doses of x-rays and other ionising radiation to treat medical conditions, such as cancer.

2. Career Options

Cardiac care technicians can start working in hospitals, clinics, rehabilitation centers, and nursing care centers. Students can get job opportunities suitable for their experience and knowledge in the field.

3. Program Objectives

To learn how to perform basic nursing procedures like IV/IM/SC injections, nebulization, oxygen therapy, IV infusion. To know the use of emergency drugs supporting the heart under the doctor's guidance. To be able to provide psychological support and counselling to patients and relatives.

4. Outcomes of the Program:

Outcomes. Cardiovascular technologists and technicians assist physicians in the diagnosis and treatment of cardiac (heart) and peripheral vascular (blood vessel) conditions. Cardiac technologists prepare patients for open-heart surgery and the implanting of pacemakers.

Major Course Outline

- Human Anatomy
- Physiology
- Biochemistry
- Pathology
- Microbiology
- Haematology
- Pharmacology
- Cardiac Care Technology

Core	Electives	Skill Course
Cardiac Care Technology	Anatomy and physiology	Communication & Computer Skills