

## **(136-MED-30-01) DIPLOMA- RADIOGRAPHIC ASSISTANT**

### **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**

Audiology assistants are an advanced type of radiology technologist. They help radiologists manage and assess patients by performing radiologic procedures. These procedures may include taking diagnostic images used by physicians. When doing so they need to follow detailed instructions from physicians, prepare patients for procedures, implement proper safety protocol and operate computerized equipment. They are also responsible for calibrating and maintaining medical radiologic equipment. Take a look at the following chart for an overview of how to enter this field.

### **3. Program Objectives**

Radiology provides benefits to patients through advanced tools, techniques, and multiple options to detect and treat the disease. Diagnostic picturing helps in having detailed information about disease-related changes or structural variation

### **4. Outcomes of the Program:**

Under radiologist supervision, the R.A. performs patient assessment, patient management, and selected clinical imaging procedures. Certification as an R.A. does not qualify the R.A. to perform interpretations (preliminary, final, or otherwise) of any radiological examination.

### **5. Major Course Outline**

- Clinical Radiography.
- Patient Ethics and Care
- Xray Film / Image processing Techniques including Dark Room Techniques.
- Principles of Medical Emergencies.

<b>Core</b>	<b>Electives</b>	<b>Skill Course</b>
Clinical Radiography Xray Film / Image processing Techniques including Dark Room Techniques	ANATOMY	Basic Computer skills. Basic English. Soft skills like - Interpersonal relationship skills & moral education