Diagnostic Imaging is a three-year program that prepares students to work as a diagnostic imaging technologist. Diagnostic imaging technologists prepare patients for imaging procedures, position patients on the equipment, determine and set the technical parameters, and process the images for the radiologist to interpret and diagnose. Diagnostic imaging technologists can work alone, but usually work in close interaction with a multidisciplinary team.

Among the skills students in the Diagnostic Imaging program will acquire are:

- safely operating medical imaging equipment used to diagnose disease
- recording and processing images on digital storage media
- caring for patients undergoing examination

In the third year of the program, students gain valuable clinical experience by working and studying in affiliated health centres.

**Career Opportunities**

Graduates receive a DEC, which entitles them to write the examination of l’Ordre des technologues en imagerie médicale, en radio-oncologie et en électrophysiologie médicale du Québec (OTIMROEPMQ). Those who successfully complete this examination become registered technologists and are allowed to work across Canada and in many other countries. Graduates must meet provincial French-language requirements before being granted a work permit in Québec.

Graduates of this program may work in general radiography (including emergency room) and/or radioscopy (including operating room), ultrasound, computed tomography (CT), magnetic resonance imaging (MRI) and other imaging modalities.

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### Admission Requirements

**Diploma of Secondary Studies (DES), including**

- Secondary V Language of Instruction
- Secondary V Second Language
- Secondary IV Science
- Secondary IV Mathematics
- Secondary IV History

or academic background judged equivalent to the DES.

Students with a DES missing any of the above subjects may be admitted, space permitting, but may be required to complete remedial courses.

**Specific ministerial admission requirements**

_Sec IV Mathematics - Technical & Scientific option or Science option 564-406/426 or 565-406/426_  
_Sec IV Environmental Science & Technology or Environmental Science 558-404 or 558-402_

*For students graduating before June 2010 or from an Adult Education Centre, the pre-requisites are Mathematics 436 and Physical Science 436*

**Additional admission requirements**

An interview is required to assess the candidate's readiness to pursue studies in this program. Only applicants who meet the admission requirements will be interviewed.

Candidates must be eligible to take College English 603-101 (Testing may be required).

Candidates must be eligible to take College French 602-100 (Testing may be required).

Please note, for admitted candidates only: immunization requirements and certificates of medical health are required once admitted.

The **application deadline** is March 1. This program accepts applications only for the Fall semester.

For more information visit the program webpages dawsoncollege.qc.ca
### Course List

**Year 1 Term 1**
- Anatomy of Diagnostic Imaging
- Patient Care and Health Safety
- Basic Radiographic Imaging
- Introduction to Radiology/Clinical 1
- Physics of Radiology

**Physical Education**
- French
- English

**Year 1 Term 2**
- Biology of Radiology
- Apparatus and Digital Imaging I
- Image Quality
- Radiography I (Extremities)

**Physical Education**
- Humanities
- French
- English

**Year 2 Term 3**
- Apparatus and Digital Imaging II
- Radiography II (Trunk)
- Radiography III (Skull)
- Clinical 2 (Intensive)

**Humanities**
- French
- English

**Year 2 Term 4**
- Radiobiology and Protection
- Radiography of Systems I
- Radiography of Systems II
- MRI/US/CT and Interventional

**Physical Education**
- English

**Year 3 Term 5**
- Clinical 3
- Clinical 4

**Year 3 Term 6**
- Integration: Part A and B
- Clinical 5
- Clinical 6

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Every student must take four English courses, two French courses, three Humanities courses, three Physical Education courses and two Complementary courses to receive a CEGEP Diploma.