

PCSS Post Secondary Spotlight

So, you want to be a...

Diagnostic Medical Sonographer

2 Year+ (26 months) Diploma Program

Diagnostic Medical Sonography, also known as **ultrasound**, is a technology involving the application of high-frequency sound waves toward patients to help physicians with medical diagnoses.

Diagnostic medical sonographers work as members of patient care teams, assessing patients, providing physicians with information for diagnoses, and monitoring patients' health status.

This specialized vocation requires a high degree of technical skill and exceptional interpersonal skills.

This program teaches critical aspects of ultrasound technology, including obstetrics and gynecology, the cardiac and vascular systems, abdomen and superficial structures. Studies also include patient care, physics, anatomy and physiology, equipment instrumentation, medical research, quality control, and the performance of diagnostic scanning procedures.

This program includes theory courses, lab practice, and practicum rotations at approved healthcare facilities.

You will complete a practicum pathway within the program, where your practicum rotations specialize in either Adult Echocardiography or Vascular Sonography.

Admission Requirements

- at least 75% in Math 30-1, or Math 30-2, AND,
- at least 75% in English Language Arts 30-1, AND,
- at least 75% in Biology 30, AND,
- at least 75% in Physics 30, AND
- at least 50% in the School of Health and Public Safety entrance tests.

- 96% graduate employment rate
- \$83,572 average starting salary

Mandatory requirements

Applicants for this program are required to complete the [School of Health and Public Safety entrance testing process](#) as an admission requirement for this program by the set deadlines. Review admission requirements for more details.

<https://www.sait.ca/programs-and-courses/diplomas/diagnostic-medical-sonography>

