

Career Profile

ELECTROENCEPHALOGRAPH TECHNOLOGIST

What is an Electroencephalograph Technologist? – Career Description/Scope

An Electroencephalograph (EEG) Technologist is an unregulated health professional trained to obtain interpretable electroencephalographic recordings, apply electrodes in specified locations, conduct routine and special tests, and prepare the tracing for interpretation by the neurologist.

Education Requirements to Work in Ontario

- 3 Year diploma program at a Canadian college; OR
- 2 year community college-sponsored program in the United States leading to an associate degree

Programs consist of didactic (classroom) training as well as a clinical placement.

Electroencephalograph Technologist Practice Requirements

- Diploma or degree in EEG Technology
- Certification examination by the Canadian Board of Registration of Electroencephalograph Technologists (CBRET) or American Board of Registration of Electroencephalograph Technologists (ABRET) for designation
- Registered or eligible for registration with either CBRET or ABRET
- Member of Canadian Association of EEG Technologists (CAET) preferred

How does an Electroencephalograph Technologist Practice at TBRHSC?

- As part of an interprofessional team
- Collaborate with Physician's
- Work under direct orders

What does an Electroencephalograph Technologist Do?

EEG Technologists operate machines known as electroencephalographs (EEGs), which are used to measure and record the electrical activity of brain waves via electrodes secured to the patient's scalp. The technologists use these devices to administer EEG tests, which may detect brain disorders or damage, and monitor patients during sleep cycles. EEG Technologists also perform pre-test consultations and record the patient's medical history. Since the EEG can be stressful for some patients, EEG Technologists can also explain the test procedure to patients in order to help alleviate some of their fears.

Web Resources

- Canadian Association of EEG Technologists www.caet.org
- American Board of Registration of Electroencephalograph Technologists www.abret.org
- Canadian Board of Registration of Electroencephalograph Technologists www.cbret.org