

NEURODIAGNOSTIC TECHNOLOGY

Neurodiagnostic Technology (NDT) is an allied health specialty involved with testing brain, spinal cord, and nerve function. Technologists record in real time the electrical activity of the brain and nerves of the body.

Neurodiagnostic technologists work with patients who have neurological disorders such as seizures, epilepsy, stroke, coma, multiple sclerosis, and brain tumors. NDTs are employed in hospitals, clinics, physicians' offices, university medical centers, and research centers.

The NDT program provides the necessary knowledge and skills with hands-on clinical experience in electroencephalography (EEG) and evoked potential (BAEP, PVEP, SSEP) testing and prepares students to challenge the national registry exam in EEG (R. EEG T.). Students gain entry-level skills with the successful completion of courses involving knowledge of the nervous system, brain rhythms, hands-on lab practice with specialized instrumentation, and rotations through various clinical sites. Students who complete the two-year program are awarded an Associate of Science degree in Neurodiagnostic Technology. The OCC NDT program is an excellent foundation to build on for those seeking more advanced credentials in the field (e.g., Nerve conduction studies - NCV, Epilepsy/Intensive care Care Monitoring - CLTM, and Intraoperative Neuromonitoring - IONM/CNIM).

The Neurodiagnostic Technology Program is accredited by the Committee on Accreditation for Education in Neurodiagnostic Technology (CoA-NDT) through the Commission on Accreditation of Allied Health Education Programs (CAAHEP).

OCC Neurodiagnostic Technology graduates are highly sought after by employers.

Program Admission

- Completion of General Education (GE) requirements for an Associate of Science Degree
- Completion of program prerequisite courses
 - ALH A010 Health Occupations
 - BIOL A221 Human Anatomy & Physiology
 - ALH A111 Medical Terminology

Department Contact Information

Tabitha Liang, Program Director/Clinical Coordinator
tliang3@occ.cccd.edu

Neurodiagnostic Technology Department Website (<https://orangeoastcollege.edu/academics/consumer-health/allied-health/neurodiagnostic-technology/>)

Program Information (<https://orangeoastcollege.edu/academics/consumer-health/allied-health/neurodiagnostic-technology/program-information.html>)

Neurodiagnostic Technology Resource Links

Information Video (<https://youtu.be/kZidT6PDP4o/>) about NDT from ABRET

American Board of Electroencephalographic and Evoked Potential Technologists (ABRET) (<https://abret.org/>)- Neurodiagnostic Credentialing and Accreditation

ASET - The Neurodiagnostic Society (<https://www.aset.org/>)

- Neurodiagnostic Technology, Associate in Science Degree (<https://catalog.cccd.edu/orange-coast/pathways/careers-healthcare/neurodiagnostic-technology/neurodiagnostic-technology-associate-science-degree/>)