

NEURODIAGNOSTIC TECHNOLOGY

Neurodiagnostic Technology (NDT) is an allied health specialty involved with testing brain, spinal cord, and nerve function. Neurodiagnostic Technologists work with patients who have neurological disorders such as seizures, epilepsy, stroke, coma, multiple sclerosis, and brain tumors.

NDT's are employed in hospitals, clinics, physicians' offices, university medical centers, and research centers.

The program provides theory and clinical experience in Electroencephalography (EEG) and in Evoked Potential (BAEP, PVEP, SSEP) testing, as well as preparation for the national board registry exam in EEG. Students gain entry level skills with successful completion of courses involving knowledge of the nervous system, brain rhythms, hands-on lab practice with specialized instrumentation, and clinical rotations.

Introductory courses to other neurological testing procedures include: Nerve Conduction Studies (NCS), Long-term Monitoring (LTM) for Epilepsy, Intraoperative Neurophysiological Monitoring (IONM), and Transcranial Doppler (TCD) Studies. The program serves as a solid foundation for many graduates who choose to pursue credentials in these specialty areas.

OCC Neurodiagnostic Technology graduates are highly sought after by employers.

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Neurodiagnostic Technology Department Website (http://www.orangecoastcollege.edu/academics/divisions/consumer_health/allied_health/neurodiagnostic_technology/Pages/default.aspx)

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