



Neurodiagnostic Technology

Goals and Outcomes

Program Mission Statement:

In support of the mission of the College, the mission of the Neurodiagnostic Technology program is to transform lives by educating, engaging and empowering professionals to function as competent, entry-level Neurodiagnostic Technologist in a variety of healthcare settings.

Program Goals:

1. The program curriculum prepares graduates with the psychomotor skills, cognitive knowledge, and affective attitudes necessary to function as competent entry-level Neurodiagnostic Technologist.
2. The program curriculum is formulated with the guidance of ABRET Neurodiagnostic Credentialing and Accreditation and CAAHEP requirements.
3. The program curriculum prepares graduates with the cognitive knowledge necessary to sit for the EEG board registry.

Student Learning Outcomes:

The program student learning outcomes reflect the psychomotor skills, cognitive knowledge, and affective attitudes students will acquire and enhance as a result of didactic, hands-on laboratory and clinical experiences offered in the program. As measured by course-specific assessments (e.g., written exams, course discussions, analysis of case studies), demonstration of skill competencies in laboratory settings, and regular clinical evaluations, students will:

1. Understand fundamental concepts in neuroscience and how they relate to various disease conditions (cognitive domain)
2. Correctly operate neurodiagnostic equipment (psychomotor domain)
3. Precisely obtain appropriate recordings using various technologies (psychomotor domain)
4. Accurately interpret and evaluate various neurodiagnostic tests in laboratory and clinical settings (cognitive domain)
5. Apply theoretical knowledge to neurodiagnostic techniques and related disease conditions (cognitive domain)

6. Practice patient-centered care in accordance with the ethical and legal framework of the neurodiagnostic technologist (affective attitude)

7. Explain measurements, techniques, and results related to neurodiagnostic testing to healthcare team members (affective attitude)

8. Effectively work as a member of the healthcare team (affective attitude)