

Neurodiagnostic Technology, AAS

This program prepares the students as an entry level neurodiagnostic technologist. In the classroom setting the students will explore anatomy, physiology and pathophysiology of neuroscience, legal and ethical concepts of healthcare, safe and effective care environment, and professional standard of practice in preparation for their clinical experience and career.

Throughout the program in a patient-centered care setting the students collaborate as a member of the health care team, integrate latest research into practice, apply a variety of methods to communicate effectively, utilize critical thinking skills to ensure safe environment for patients, evaluate neurodiagnostic tests and practice within the ethical and legal realm of the neurodiagnostic profession.

This is a selective admission program with limited enrollment. Prospective students are encouraged to visit the program website or contact JCCC program personnel for additional information and application materials at 913-469-2583.

Students must "pass" all clinical courses and maintain a grade of "C" or higher in all non-clinical courses to remain in the program.

Neurodiagnostic Technology (<http://www.jccc.edu/academics/health/neurodiagnostic-technology>)

(Major Code 207A; State CIP Code 51.0903)

Associate of Applied Science Degree

Prior to beginning professional courses:

ENGL 121	Composition I*	3
BIOL 144	Human Anatomy and Physiology*	5
Humanities/Art Elective ^		3
Math or Science Elective ^		3
Social Science/Economics Elective ^		3
Total Hours		17

^ See all AAS general education electives (<http://catalog.jccc.edu/degreerequirements/associate-applied-science>)

First Semester

EMS 121	CPR I - Basic Life Support for Healthcare Provider	1
NDT 125	Introduction to Neurodiagnostic Technology	4
NDT 130	Anatomy and Physiology of Neuro and Sleep Diagnostics	3
NDT 135	Pediatric Neurodiagnostic Technology I	5
Total Hours		13

Second Semester

NDT 140	Adult Neurodiagnostic Technology I*	4
NDT 145	Pediatric Neurodiagnostic Technology II*	4
NDT 150	Neurodiagnostic Clinical Correlates*	2
NDT 155	Neurodiagnostic Clinical I*	4
Total Hours		14

Third Semester

NDT 225	Polysomnography*	5
NDT 230	Adult Neurodiagnostic Technology II*	3
NDT 240	Neurodiagnostic Clinical II*	4
Total Hours		12

Fourth Semester

NDT 245	Neurodiagnostic Related Modalities*	3
NDT 250	Neurodiagnostic Program Capstone*	3

NDT 255	Polysomnography Clinical*	6
Total Hours		12

Total Program Hours: 68