

# Neurodiagnostic Technology, AAS

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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
<b>Total Hours</b>		<b>17</b>

^ 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	Foundations of Neurodiagnostic Technology*	3
NDT 135	Pediatric Neurodiagnostic Technology I*	5
<b>Total Hours</b>		<b>13</b>

### 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
<b>Total Hours</b>		<b>14</b>

### Third Semester

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

### Fourth Semester

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

NDT 255	Polysomnography Clinical*	6
<b>Total Hours</b>		<b>12</b>

**Total Program Hours: 68**