

# 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 the pathophysiology of neuroscience, legal and ethical concepts of healthcare, safe and effective care environment, and professional standards 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 admissions 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 or rc-ndt@jccc.edu.

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 Program web page (<http://www.jccc.edu/academics/credit/neurodiagnostic-technology/>)

(Major Code 207A; CIP Code 51.0903)

## Associate of Applied Science Degree

### Prior to beginning professional courses:

Code	Title	Hours
BIOL 144	Human Anatomy and Physiology*	5
Note: BIOL 140 and BIOL 225 will satisfy the BIOL 144 requirement.		
ENGL 121	Composition I*	3
HC 130	Medical Terminology for Healthcare Professions	3
General Education Elective ^		3
Social and Behavioral Sciences Elective ^		3
<b>Total Hours</b>		<b>17</b>

### First Semester

Code	Title	Hours
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>12</b>

### Second Semester

Code	Title	Hours
NDT 140	Adult Neurodiagnostic Technology I*	4
NDT 145	Pediatric Neurodiagnostic Technology II*	4
NDT 150	Neurodiagnostic Clinical Correlates*	2
NDT 156	Neurodiagnostic Clinical I*	2
<b>Total Hours</b>		<b>12</b>

### Third Semester

Code	Title	Hours
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**

<b>Code</b>	<b>Title</b>	<b>Hours</b>
NDT 245	Neurodiagnostic Related Modalities*	3
NDT 250	Neurodiagnostic Program Capstone*	3
NDT 256	Polysomnography Clinical*	4
Humanities Elective ^		3
<b>Total Hours</b>		<b>13</b>

**Total Program Hours: 66**

\* This course has registration requirements.

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