

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; 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 |
| Note: BIOL 140 and BIOL 225 will satisfy the BIOL 144 requirement. | | |
| HC 130 | Medical Terminology for Healthcare Professions | 3 |
| Social Science/Economics Elective ^ | | 3 |
| General Education Elective ^ | | 3 |
| Total Hours | | 17 |

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

First Semester

| | | |
|-------------|---|----|
| NDT 125 | Introduction to Neurodiagnostic Technology* | 4 |
| NDT 130 | Foundations of Neurodiagnostic Technology* | 3 |
| NDT 135 | Pediatric Neurodiagnostic Technology I* | 5 |
| Total Hours | | 12 |

Second Semester

| | | |
|-------------|--|----|
| 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 |
| Total Hours | | 12 |

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 256 | Polysomnography Clinical* | 4 |

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|-----------------------|----|
| Humanities Elective ^ | 3 |
| Total Hours | 13 |

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

Total Program Hours: 66