

# CLINICAL NEUROPHYSIOLOGY TECHNOLOGY AAS

**Purpose:** RCTC's Clinical Neurophysiology Technology (CNT) program trains students to perform a variety of testing, such as EEG, NCS, PSG, evoked potentials and autonomic testing, to assist physicians in the diagnosis and evaluation of diseases of the brain, peripheral and autonomic nervous systems, and disorders of sleep. Graduates are eligible to take professional certification examinations given by Neurodiagnostic Credentialing and Accreditation (ABRET), The Nerve Conduction Association (AAET), American Board of Electrodiagnostic Medicine (ABEM)) and the Board of Registered Polysomnographic Technologists (BRPT)

## Award

Clinical Neurophysiology Technology A.A.S. Degree..... 81 credits total

Clinical Neurophysiology Technology curriculum ..... 56 credits

MnTC curriculum/General Education..... 25 credits

## RECOMMENDED FULL-TIME COURSE SEQUENCE

*Note: Not all courses are scheduled every semester. See [www.rctc.edu](http://www.rctc.edu) for additional course and program information.*

<b>Semester 1 (Fall)</b>		<b>Semester 2 (Spring)</b>	
BIOL 1110: Human Biology	4 cr	BIOL 1216: Anatomy and Physiology of the Nervous System	2 cr
CHEM 1101: Elements of Chemistry	3 cr	ENGL 1117: Reading and Writing Critically I	4 cr
COMM 1114: Fundamentals of Public Speaking <b>OR</b> COMM 1130, Interpersonal Communication	3 cr	PHYS 1103: Principles of Physics	3 cr
PSYC 1611: Psychology of Adjustment <b>OR</b> PSYC 2618: General Psychology	3-4 cr	PHIL 1135: Bioethics	3 cr
<b>Total Credits</b>	<b>13-14</b>	<b>Total Credits</b>	<b>12</b>
<b>Semester 3 (Summer)</b>		<b>Semesters 4 (Fall)</b>	
CNT 1101: Orientation to CNT	3 cr	CNT 1106: CNT Techniques PSG	2 cr
CNT 1102: CNT Techniques EEG	2 cr	CNT 1110: CNT Instrumentation	2 cr
CNT 1103: CNT Techniques NCS	2 cr	CNT 1112: Applied Concepts I EEG	3 cr
CNT 1104: CNT Techniques EP	1 cr	CNT 1113: Applied Concepts II NCS	3 cr
CNT 1105: CNT Techniques Autonomic	1 cr	CNT 1114: Orientation to the Clinical Laboratory	2 cr
CNT 1109: CNT Professional Development I	1 cr	CNT 2211 Neurophysiology Lecture Series Part II	3 cr
CNT 2210: Neurophysiology Lecture Series Part I	1 cr	<b>Total Credits</b>	<b>15</b>
<b>Total Credits</b>	<b>11</b>		
<b>Semester 5 (Spring)</b>		<b>Semester 6 (Summer)</b>	
CNT 2220 Clinical Practice EEG I	3 cr	CNT 2240 Clinical Practice EP/NCS	3 cr
CNT 2221 Clinical Practice EEG II	3 cr	CNT 2250 Clinical Practice Autonomic	3 cr
CNT 2222 Clinical Practice EEG III	3 cr	CNT 2260 Clinical Practice PSG I	3 cr
CNT 2230 Clinical Practice NCS I	3 cr	CNT 2261 Clinical Practice PSG II	3 cr
CNT 2231 Clinical Practice NCS II	3 cr	CNT 2270 Clinical Practice Elective	3 cr
<b>Total Credits</b>	<b>15</b>	<b>Total Credits</b>	<b>15</b>

\*All CNT courses are taken at Mayo Clinic School of Health Sciences.