

ELECTRONEURODIAGNOSTIC TECHNOLOGY (END)



**SCOTT COMMUNITY
COLLEGE CAMPUSES**

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Program Description

Electroneurodiagnostic Technology is the scientific field devoted to the recording and study of electrical activity of the brain and nervous system. Used for medical evaluation and research, it includes procedures that assess the function of the nervous system. Technologists record electrical activity arising from the brain, spinal cord, peripheral nerves, or somatosensory systems using a variety of techniques and equipment. Technologists also prepare the patients for procedures, record electrical potentials, obtain medical histories, calculate results, and maintain equipment. They work with specially trained physicians who interpret the data and provide clinical impressions.

The Electroneurodiagnostic Technology program at Scott Community College is a two-year, full-time program admitting a limited number of students in the fall of every year. Students in the pre-END category may go part time but once accepted into the program. (due to the nature of the program content) the curriculum usually requires full-time participation.

Classroom instruction is coupled with supervised clinical experiences at local hospitals. Students in the program can expect to spend approximately 30 hours per week in class or clinic and another 10-20 hours studying.

The Electroneurodiagnostic Technology program is accredited by the Commission on Accreditation of Allied Health Education Programs (www.caahep.org) upon the recommendation of the Coa-END Commission on Accreditation of Allied Health Education Programs, 1361 Park Street, Clearwater, FL 33756; 727-210-2350.

Graduates eligible for the national examination given by the American Board of Electroneurodiagnostic Technologists (ABRET) and the Board of Registered Polysomnographic Technologists (BRPT).

Award Options

Associate in Applied Science Degree

Job Outlook

According to the Occupational Outlook Handbook, the employment of END technologists is expected to grow much faster than the average for all occupations. Graduates will find employment opportunities in hospitals, clinics, physician offices, and research facilities, as well as epilepsy and sleep centers.

Earnings

According to the American Medical Association (www.ama-assn.org) health professions description, the average starting salary for Electroneurodiagnostic Technologists is \$35,610 annually. Technologists with credentials earn a median average of \$44,621. Technologists with specialized skills can earn more.



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Since the colleges of EICCD are continually reviewing programs, information in the course catalog may change. Please visit www.eicc.edu/catalog for any program updates which have occurred since the most recent edition of the catalog.

ELECTRONEURODIAGNOSTIC TECHNOLOGY (END)

A.A.S. DEGREE

FIRST SEMESTER

BIO:168	Human Anatomy and Physiology I w/Lab	4
END:111	Introduction to Electroneurodiagnostics	6
END:210	Electronics and Instrumentation	3
HSC:113	Medical Terminology	<u>2</u>
		15

SECOND SEMESTER

BIO:173	Human Anatomy and Physiology II w/Lab	4
END:301	Electroneurodiagnostics I	6
END:800	Clinical Practicum I	4
PSY:111	Introduction to Psychology	<u>3</u>
		17

SUMMER SESSION

END:320	Electroneurodiagnostics II	2
END:820	Clinical Practicum II	<u>4</u>
		6

THIRD SEMESTER

BIO:255	Neuroanatomy	3
END:340	Electroneurodiagnostics III	3
END:840	Clinical Practicum III	4
ENG:105	Composition I	<u>3</u>
		13

FOURTH SEMESTER

END:510	Polysomnography	4
END:860	Clinical Practicum IV	8
SPC:112	Public Speaking	<u>3</u>
		15

SUMMER SESSION

END:410	Evoked Potentials	2
END:880	Clinical Practicum V	<u>4</u>
		6

A.A.S. TOTAL **72**

NOTE: Enrollment is limited and entrance is restricted to the fall semester. In addition to the general admission requirements of the college, applicants must meet specific program admission criteria.

Clinton Community College

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Admissions Officer

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Muscatine Community College

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Muscatine, IA 52761
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Admissions Officer

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Scott Community College

500 Belmont Road,
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Admissions Officer

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Program requirements subject to change. Please check with your advisor.