

PROGRAM DIRECTOR
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ELECTRONEURODIAGNOSTIC TECHNOLOGY (END)

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. Technologists generally work a 40-hour week that may include evening, weekend, holiday or on-call hours. Entry-level salaries for graduates of this program will vary depending on level of responsibility, type of employment and area of the country. Job opportunities exist in a variety of health care settings and are abundant throughout the United States.

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 specialised skills can earn more.

Companies that have hired SCC END graduates:

Mercy Medical Center- Dubuque	Genesis Medical Center- Davenport
Trinity Medical Center- Moline	Mary Lanning Hospital- Hastings, NE
Veterans Administration Hospital - Iowa City	Genesis Medical Center Illini Campus - Silvis
University of Iowa Hospital - Iowa City	Galesburg Hospital - Galesburg, IL
Mississippi Sleep Disorders Center - Davenport	St. Francis Medical Center - Peoria, IL
Mercy Medical Center - Cedar Rapids	Mercy Medical Center - Clinton
Unity Health Systems - Muscatine	REM Center - Moline, IL

* Tuition and fees subject to change by the EICCD Board of Trustees.



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EASTERN IOWA COMMUNITY COLLEGE DISTRICT

www.eicc.edu

1-888-336-3907

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ELECTRONEURODIAGNOSTIC TECHNOLOGY (END)

FIRST SEMESTER

	Credit Hours
BIO:168 Human Anatomy & Physiology I w/lab	4
HSC:113 Medical Terminology	2
END:210 Electronics and Instrumentation	3
END:110 Introduction to Electroneurodiagnostics	5
	14

SECOND SEMESTER :

BIO:173 Human Anatomy & Physiology II w/lab	4
END:300 Electroneurodiagnostics I	5
END:800 Clinical Practicum I	4
PSY:111 Introduction to Psychology	3
	16

SUMMER SESSION :

END:320 Electroneurodiagnostics II	2
END:820 Clinical Practicum II	4
	6

THIRD SEMESTER :

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

FOURTH SEMESTER :

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

SUMMER SESSION :

END:410 Evoked Potentials	2
END:880 Clinical Practicum V	4
	6

A.A.S. DEGREE TOTAL - 70

ADMISSIONS OFFICER

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**JOB PLACEMENT/STUDENT
SUCCESS SPECIALIST**

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**SCOTT
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