

**CAREER FIELD:** Health Science

**PATHWAY:** Allied Health and Nursing

**PROGRAM:** **Electroneurodiagnostic Technology**

61-62 Credit Hours - Associate of Applied Science

END.S.AAS

<b>HIGH SCHOOL</b>	<b>Freshman</b>	English I (1)	Algebra & Geometry or Algebra I (1)	Physical Science (1)	Social Studies (1)	Health (.5) Physical Education (.5)	Career Field Exploration	Fine Arts/Foreign Language/Business Elective (1)
	<b>Sophomore</b>	English II (1)	Geometry or Algebra II (1)	Biology or Life Science (1)	US History (1)	Technology Elective (1)	Career Pathway Foundation	Fine Arts/Foreign Language/Business Elective (1)
	<b>Junior</b>	English III (1)	Algebra II / Adv Algebra II & Trigonometry (1)	Chemistry (1)	US Govt (.5) Economics and Financial Literacy Social Studies Elective (.5)	Career Tech Health Science (1)	Career Tech Health Science (1)	Career Tech Health Science (1)
	<b>Senior</b>	English IV (1)	College Math or Calculus (1)	Advanced study in Life or Physical Science OR Earth/Space Science (1)	Psychology, Sociology or Social Studies Elective (1)	Career Tech Health Science (1)	Career Tech Health Science (1)	Career Tech Health Science (1)

Take ACT, SAT, or required Sinclair placement test. Visit Sinclair academic advising. Earn high school diploma. Complete pathway as designed.

The associate degree program in Electroneurodiagnostic Technology prepares competent entry-level Neurodiagnostic Technologists with additional expertise in the following additional areas: Evoked Potentials (EP); Intraoperative Neuromonitoring (IONM); Nerve Conduction Studies (NCS) and Polysomnography (PSG), in the cognitive (knowledge), psychomotor (skills), and affective (behavior) learning domains.

<b>COLLEGE</b>	<b>Program Prerequisites</b>	ALH 1101 Introduction to Healthcare Delivery (2)	BIO 1121 Human Anatomy & Physiology I (3)	END 1101 Introduction to Electroneurodiagnostic Technology (1)	MAT 1130 Mathematics in Health Science(3) OR MAT 1450 Introductory Statistics (4) AND Approval of Department AND Other GPA of 2.0 and TEAS Exam			
	<b>1st Semester</b>	BIO 1222 Human Anatomy & Physiology II (3)	CHE 1311 College Chemistry I (4)	CHE 1351 Lab for College Chemistry I (0)	• ■ HIM 1101 Medical Terminology (2)	END 1102/1182 Introduction to Electroencephalography/ Lab for Intro to EEG (2)	ALH 1110 Principles of Electrocardiography (3)	
	<b>2nd Semester</b>	END 1250/1285 Intermediate Electroencephalography (EEG)/Lab for Intermediate EEG (3)	END 1260/1286 Basic Evoked Potentials/Lab for Basic Evoked Potentials (2)	END 1901 Seminar for END Practicum I (2)	END 1991 Practicum Experience I for END (0)	END 2350 Intraoperative Monitoring for Electroneurodiagnostic Technologists (2)	END 2360/2386 Neonatal/Pediatric Electroneurodiagnostic/Lab for Neonatal/Pediatric EEG (3)	
	<b>3rd Semester</b>	END 2450/2485 Nerve Conduction Studies/Lab for Nerve Conduction Studies (3)	END 2460 Neurophysiology of Electroencephalography/ Sleep Disorders (3)	END 2550/2585 Fundamentals of Polysomnography/Lab for Polysomnography (3)	END 2902 Seminar for END Practicum II (2)	END 2992 END Practicum II (0)	• ENG 1101 English Composition I (3)	
	<b>4th Semester</b>	END 2903 Seminar for END Practicum III (3)	END 2993 END Practicum III (0)	END 2990 Electroneurodiagnostic Capstone (2)	• COM 2206 Interpersonal Communication (3)	• PSY 1100 General Psychology (3)		

• = Courses guaranteed to transfer to Ohio's public institutions of higher education

■ Indicates eligible college course opportunities via Proficiency credit or Articulated Award credit.

■ Indicates Career-Technical Assurance Guides (CTAG)-approved transfer credit. The high school or career center is responsible for sending the proper documentation, along with the Verification of Course/Program Completion form to the college in order for credits to be posted on a student's transcript.

Required Courses (credit hours)

Recommended Elective Courses

revised 7/23/18

**Please note: This template does not provide department approved course sequences for students to follow. That is, the courses may be presented out of order. It is best for students to consult with an academic advisor in order to plan a semester by semester course schedule in order to meet the requirements for their certificates and degree programs.**