Polysomnographic Technology (Diploma) - Memphis

Diploma Program
Contact Hours: 855
Semester Credits: 37
Instructional Weeks – Full Time: 30
Average Time to Complete – Full Time: 8 Months

Program offered at: Memphis, Tennessee

Polysomnographic Technology (Diploma) Mission Statement

The program provides students with the theoretical knowledge, technical skills, and professional attributes required to obtain entry-level positions as Polysomnographic Technologists. The program prepares students to successfully complete the professional certification exam offered by the Board of Registered Polysomnographic Technologists (BRPT).

Learning Objectives / Instructional Outcomes

The program includes courses covering anatomy and physiology, pharmacology, and theory of polysomnography. Learning objectives include achievement of sufficient theoretical knowledge and practical skills to perform Polysomnograms (PSGs), which monitor and evaluate brain, muscle, respiratory, and heart activity during sleep to help diagnose sleep disorders.

Career Overview

Polysomnographic (PSG) Technologists perform sleep tests and work with physicians to provide information needed for the diagnosis of sleep disorders. The Technologist monitors brain waves, eye movements, muscle activity, multiple breathing variables, and blood oxygen levels during sleep using specialized recording equipment. The Technologist interprets the recording as it happens and responds appropriately to emergencies. Among other duties, the PSG Technologist also understands the interface between EEG and PSG equipment and other electrophysiological devices and procedures; recognizes and understands EEG sleep activity displayed; manages medical emergencies in the laboratory; and prepares a descriptive report of recorded activity for the interpreting physician. Additionally, the role of the PSG Technologist includes treatment of sleep-disordered breathing to include PAP therapy, oxygen therapy, and patient education. The responsibilities of the Technologist may also include laboratory management and the supervision of other Technologists.

 In order to graduate from the Polysomnographic Technology (Diploma) program, students must successfully complete the following curriculum:

Program Delivery

The Polysomnographic Technology program is delivered in a blended format. Courses will be delivered entirely online, entirely on-ground or with an appropriate blend of both online and on-ground hours in the same course. Of the 855 program hours, a maximum of 395 course hours (46.2%) may be offered online (including general education courses). Campuses may have the option to deliver general education courses either online or on-ground depending on local need and availability specific time, regardless of their eligibility status upon enrollment.

Course #	Course Title	Theory Hours (Ground/Online)	Lab Hours (Ground/Online)	Clinical Hours (Ground/Online)	Semester Credit Hours
BIOL1131	Anatomy & Physiology VLab	0	30 (0 / 30)	0	1
BIOL1301	Anatomy & Physiology	45 (0 / 45)	0	0	3
ELEC1910	Introduction to Electrodiagnosis	120 (10 / 110)	50 (50 / 0)	0	9.5

PSOM1217	Therapeutic Intervention	30 (10 / 20)	20 (20 / 0)	0	2.5
PSOM1230	PSG Pattern Recognition	30 (0 / 30)	15 (0 / 15)	0	2.5
PSOM1311	PSG Capstone	45 (10 / 35)	0	0	3
PSOM1910	Polysomnography	120 (10 / 110)	30 (30 / 0)	0	9
PSOM2316	PSG Clinical Experience I	0	0	160 (148 / 12)	3.5
PSOM2317	PSG Clinical Experience II	0	0	160 (148 / 12)	3.5
	Total	**390 (40/350)**	**145 (100/45)**	**320 (296/24)**	**37.5**

These courses may be offered entirely online or entirely on-ground at the campus.