

Purpose

Polysomnographic (PSG) Technology is an allied health specialty for the diagnosis and treatment of disorders of sleep and daytime alertness. The range of sleep disorders is varied but includes common disorders such as narcolepsy, sleep apnea, insomnias, and many others. PSG technologists operate a variety of sophisticated electronic monitoring devices, which record brain activity (EEG), muscle and eye movement, respiration, blood oxygen and other physiological events. Technologists are also involved in evaluation of various treatment methods. PSG technologists are employed in Sleep Disorders Centers, which can be located in medical centers, hospitals, or clinic/office settings. PSG program offers a certificate that includes lectures, lab experience on campus, clinical experience at accredited sleep centers, and physician lectures. A major emphasis of the program is to prepare technologists for Board Registration by the Board of Registered Polysomnographic Technologists (BRPT.)

Admission Requirements

To be considered for admission to the Polysomnography program, the applicant must:

- a. Make an application to Alvin Community College and fulfill the admission requirements.
- b. Make an application to the Polysomnography program.
- c. Have an Associate Degree in a Health Care field.
- d. Submit official transcripts from college where above degree was granted.
- e. Submit appropriate state licensure and/or credentials.
- f. Interview with the Program Director.
- g. Complete a physical examination which includes TB skin test and immunizations upon acceptance to the program.
- h. Not currently be on suspension or academic probation.
- i. Have current CPR certification - AHA Health Care Provider.
- j. Have a negative criminal background check and a clear drug screen as a condition of full acceptance into the program.
- k. Must have proof of medical health insurance.

<i>Course Number</i>	<i>Course Title</i>	<i>Credits</i>
First Semester (Spring)		
PSGT 1205	Neurophysiology of Sleep	2
PSGT 1310	Neuroanatomy & Physiology	3
PSGT 1340	Sleep Disorders	3
PSGT 1400	Polysomnography I	<u>4</u>
		12
Second Semester (Summer)		
PSGT 1260	Clinical I - Polysomnography	2
PSGT 2205	Sleep Scoring & Staging	2
RSPT 1310	Respiratory Care Procedures	<u>3</u>
		7
Third Semester (Fall)		
PSGT 2411	Polysomnography II	4
PSGT 2660	Clinical II - Polysomnography	6
RSPT 2239	Advanced Cardiac Life Support	<u>2</u>
		12
Fourth Semester (Spring)		
PSGT 1191	Special Topics in ENDT	1
PSGT 2250	Infant and Pediatric Polysomnography	2
* PSGT 2661	Clinical III - Polysomnography	<u>6</u>
		9
Total Credits Required for Advanced Technical Certificate in Polysomnography		40

*Capstone Course.