



# POLYSOMNOGRAPHY TECHNOLOGY

## *Advanced Technical Certificate*

Polysomnography technologists are integral members of the allied health care community and perform a vital role in the diagnosis and treatment of sleep disorders. Sleep technicians are highly specialized professionals who use sophisticated medical technology and work hand in hand with physicians to provide comprehensive clinical evaluations and restore patients' sleep and neurological health. Valencia's program provides a strong educational base in therapeutic techniques using online courses, a state-of-the art simulated sleep lab, and hands-on experience at some of the community's major medical centers and sleep diagnostic centers.

### **Note:**

The Polysomnography Technology program is a selective admission, limited enrollment program. Course content is presented online with the exception of clinical and laboratory experiences.

### **Potential Careers**

- Polysomnographic Technologist

### **Potential Earnings**

\$37,000 - \$48,000 per year

### **Contacts**

*Health Sciences Career Program Advisor*

West Campus: 407-582-1288

For more information, visit our Website at:  
[valenciacc.edu/west/health](http://valenciacc.edu/west/health)

### **Typical Tasks May Include...**

- Preparing, evaluating and monitoring patients during sleep studies
- Operating sophisticated computerized equipment to collect and analyze physiologic patient data during sleep
- Recognizing and responding to critical events that can occur during sleep
- Using therapeutic techniques for treatment of sleep-related breathing disorders
- Participating in patient education and making recommendations to the physician for treatment plan coordination

### **Potential Employers**

The Polysomnographic Technologist works primarily in hospitals and in independently owned sleep clinics. Other career opportunities are available as a traveling sleep technician, in home sleep scoring, sales, public education and advocacy, consulting, sleep center management, or research facilities.

# POLYSOMNOGRAPHY TECHNOLOGY

## Polysomnography Technology

### Advanced Technical Certificate

#### Limited Access

This program is designed for individuals who have earned at least an Associate in Science Degree in Respiratory Care or Cardiopulmonary Sciences or the equivalent or who currently are enrolled in the final term of an accredited Respiratory Care or Cardiopulmonary Sciences program. Academic credentials must be approved by the Health Sciences Division.

Program courses are designed to prepare graduates to take the Registered Polysomnography Technologist examination administered by the Board of Registered Polysomnographic Technologists (BRPT) and enter the workplace in various types of sleep disorder centers as a Polysomnographic Technologist. Completion of this program does not ensure permission to take the credentialing examination. All theory components of the program are offered only in the online format. All laboratory courses are held on the West Campus, while clinical experiences are completed in the central Florida sleep disorder centers.

Polysomnography Technology is a limited access program. Admission to Valencia does not imply acceptance to the Polysomnography Technology program. Students must submit an application and be accepted to the program.

Admission requirements for the Advanced Technical Certificate in Polysomnography Technology are:

- Submit a completed Valencia Community College application
- Have a minimum overall GPA of 2.5 (including transfer work)
- Be enrolled in, or have completed, a Respiratory Care or Cardiopulmonary Sciences program within the last year or have one year of practice in Respiratory Care within the five years prior to date of admission
- Must provide evidence of current Florida licensure as a Certified Respiratory Therapist or a Registered Respiratory Therapist
- Submit proof of current CPR certification - AHA provider Submit a completed Valencia Polysomnography Technology application.

#### FIRST TERM

Course	Title	Credits
+* PSG 1000	Polysomnographic Technology I	3
+* PSG 1000L	Polysomnographic Technology Laboratory I	1
+* PSG 1800L	Polysomnographic Technology Clinical Practicum I	1
	<b>Total Credits</b>	<b>5</b>

#### SECOND TERM

Course	Title	Credits
+* PSG 1001	Polysomnographic Technology II	3
+* PSG 1001L	Polysomnographic Technology Laboratory II	1
+* PSG 1801L	Polysomnographic Technology Clinical Practicum II	1
	<b>Total Credits</b>	<b>5</b>
	<b>Total Certificate Credits</b>	<b>10</b>

#### NOTES:

All accepted applicants must be screened by the Florida Department of Law Enforcement for criminal history. Applicants for Valencia Community College Health Science Programs must be free of offenses that would disqualify them from a student clinical experience in a health care setting and must have their civil rights intact. This policy is in response to requirements by clinical agencies and State/Federal regulations.

All certificate courses are offered on the West Campus.

Specialized courses may not be offered every session or on every campus.  
+ This course must be completed with a grade of C or better.  
\* This course has a prerequisite; check description in Valencia catalog.

# Valencia Community College

## Advanced Technical Certificate in POLYSOMNOGRAPHY TECHNOLOGY

### ADMISSION CHECKLIST

Admission to the Polysomnography Technology Program is limited to applicants selected by the admission process. Final selection may require a personal interview. *Applicants must be a United States Citizen or permanent resident to be eligible.*

#### Application Checklist:

- \_\_\_\_\_ 1. Submit a completed college application for admission by the College Application Deadline. Visit Valencia's Web site at [www.valenciac.edu/admissions](http://www.valenciac.edu/admissions) for specific information
- \_\_\_\_\_ 2. Applicants to the Polysomnography Technology Program must have an **overall college GPA of 2.5.**
- \_\_\_\_\_ 3. Prior to submitting the Polysomnography Technology Program Application, applicants must meet the college admission requirements for degree seeking students. College entry level assessment, computerized placement tests, and all mandatory courses in Reading, Student Success, Mathematics, English, and English for Academic Purposes must be completed prior to submitting the Polysomnography Technology Program Application.
- \_\_\_\_\_ 4. Be currently enrolled in the final term of a Respiratory Care or Cardiopulmonary Sciences Program. **OR** Have completed a minimum of an Associate of Science Degree in a Respiratory Care or Cardiopulmonary Sciences Program. Applicants must have graduated from the Program within the last year **or** have one year of practice in Respiratory Care within the last five years prior to admission.
- \_\_\_\_\_ 5. If currently enrolled in a Respiratory Care or Cardiopulmonary Sciences program, applicants must submit a letter of recommendation from a full-time Respiratory Care or Cardiopulmonary Sciences Program faculty member.
- \_\_\_\_\_ 6. If a graduate of a Respiratory Care or Cardiopulmonary Sciences Program, verify the possession of a current Certified Respiratory Therapist or Registered Respiratory Therapist license in the state of Florida.
- \_\_\_\_\_ 7. Submit proof of current CPR certification- AHA Healthcare Provider.
- \_\_\_\_\_ 8. Submit a Polysomnography Technology Program application to the Health Science Advising office, West campus building 2 room 208. A \$15 non-refundable Polysomnography Program fee (check or money order payable to Valencia Community College) must be submitted to the Business Department (SSB 101) prior to making application. Applications are accepted continuously throughout the year. **A new application is required if reapplying for admission.**

**Please Note:**

- Students accepted into the program will be notified of the **mandatory** program orientation meeting prior to the start of the term.
- **After** acceptance and prior to the start of the first semester of Polysomnography Technology courses, students will be notified of the process required to complete a background check and the deadline for the completion of the check. **Applicants with a positive background check may be denied admission into the program.** The current fee is \$49.00 and the responsibility of the student. The Nationwide Criminal Search is an additional \$10.00 if needed. **Failure to meet the deadline will prevent student from starting classes.**
- Applicants for Valencia Community College Polysomnography Technology Program must be free of offenses that would disqualify them from a student clinical experience in a health care setting and must have their civil rights intact. This policy is in response to requirements by clinical agencies and State/Federal regulations.
- Each applicant must be screened by the Florida Department of Law Enforcement for criminal history. Each applicant must have a Social Security Verification, Residency History, Nationwide Sexual Offense Registry Search, Nationwide Healthcare Fraud/Abuse Scan, and a US Patriot Act/OFCA search. A Nationwide Criminal Search is also required if the applicant has worked, resided, or has been a student outside of Florida during the 2 year period prior to the start of any Health Science Program at Valencia. Applicants having concerns regarding these requirements are encouraged to make contact with the Allied Health Program Advisor well in advance of the deadline date.

**CONTACT PERSON:**

Health Sciences Program Advisor or  
[healthscienceadvising@valenciacc.edu](mailto:healthscienceadvising@valenciacc.edu)  
(407) 582-1288, Building 2 room 208, West campus

## POLYSOMNOGRAPHY TECHNOLOGY

The college-wide Health Science Admission Committee uses the following point system to GUIDE them in the selection of qualified students to be admitted to the Respiratory Care Program.

### GPA Requirements

Overall GPA	Points	
2.00 – 2.35	1	
2.36 – 2.70	2	
2.71 – 3.00	3	
3.01 – 3.29	4	
3.30 – 3.50	5	
3.51 – 3.70	6	
3.71 – 3.80	7	
3.81 – 3.90	8	
3.91 – 3.99	9	
4.00	10	

### Science Courses

<b>BSC 2093C</b>	Human Anatomy & Physiology I	A=5 pts, B=4 pts, C=3 pts	
<b>BSC 2094C</b>	Human Anatomy & Physiology II	A=5 pts, B=4 pts, C=3 pts	

**Total Possible Points = 20**



Name of Applicant \_\_\_\_\_

Valencia ID \_\_\_\_\_

Valencia Address \_\_\_\_\_

\_\_\_\_\_

TO: Name of Reference \_\_\_\_\_

Position/Organization \_\_\_\_\_

Address \_\_\_\_\_

\_\_\_\_\_

RE: Letter of Reference

I have applied for admission into the Polysomnography Technology Program at Valencia Community College in Orlando, Florida.

Please complete the reference information requested on the reverse side of this letter and return it directly to:

Program Chair, Polysomnography Technology Program  
Valencia Community College  
P. O. Box 3028 Mail Code 4-14  
Orlando, FL 32802

I authorize you to release a candid evaluation and realize that the material will be kept confidential both from me and the public.

Thank you.

Signature of Applicant \_\_\_\_\_ Date \_\_\_\_\_

(see reverse)

Equal Opportunity Institution

**Valencia Community College  
P. O. Box 3028  
Orlando, Florida 32802**

**Letter of Reference  
Polysomnography Technology Program**

(1) Please check the appropriate category and complete the items indicated.

( ) I have employed and/or supervised the applicant.

a. From \_\_\_\_\_ to \_\_\_\_\_

b. Position(s) held \_\_\_\_\_

c. Full time ( ) \_\_\_\_\_ Part time ( ) \_\_\_\_\_

e. I would ( ) would not ( ) recommend this applicant for the Polysomnography  
Technology Program

If not, please comment.

( ) I have taught the applicant.

a. Institution \_\_\_\_\_

b. Courses taught \_\_\_\_\_

c. Length of time I have known the applicant \_\_\_\_\_

d. I would ( ) would not ( ) recommend this applicant for the Polysomnography  
Technology Program

If not, please comment.

(2) Evaluation:

Factor Evaluated	Out- standing	Above Average	Average	Below Average	Not Observed
Ability to make logical decisions.....					
Ability to recognize patient care problems.....					
Ability to take directions from those in authority.....					
Attitude toward work and motivation concerning it.....					
Degree of cooperation with others.....					
Ability to recognize patient emotional needs.....					
Personal appearance.....					
Reaction to frustration.....					
Dependability.....					

(3) Comment on applicant's strengths and weaknesses \_\_\_\_\_

\_\_\_\_\_

Signature of Reference \_\_\_\_\_ Date \_\_\_\_\_

**Application for the  
Polysomnography Technology Certificate Program**

Date of application: \_\_\_\_\_

Last Name: \_\_\_\_\_ First Name: \_\_\_\_\_

Maiden Name: \_\_\_\_\_ Middle Name: \_\_\_\_\_

Valencia Student ID(**required**): \_\_\_\_\_ Telephone Number: \_\_\_\_\_

Address (street): \_\_\_\_\_ County: \_\_\_\_\_

City, State, Zip Code: \_\_\_\_\_

Atlas Email: \_\_\_\_\_

Male: \_\_\_\_\_ Female: \_\_\_\_\_ Race: \_\_\_\_\_ Birth date: \_\_\_\_\_

U.S Citizen \_\_\_\_\_ Permanent Resident \_\_\_\_\_

Presently enrolled at Valencia Community College:

Date admitted to VCC: \_\_\_\_\_

Respiratory Care or Cardiopulmonary Sciences Program Name

\_\_\_\_\_

Program Address

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Date of Graduation \_\_\_\_\_

CRT/RRT State of Florida License Number \_\_\_\_\_

Attach License copy: **Yes**

Attach copy of BLS card: **Yes**

Have official transcripts been requested to be sent to VCC registrar? **Yes**

If currently enrolled in a Respiratory Care or Cardiopulmonary Sciences Program:

Anticipated Date of Graduation \_\_\_\_\_

Attach letter of recommendation from a Respiratory Care Program full-time faculty member: Yes

Attach verification of mandatory 8 hour clinical observation in sleep lab:

If a graduate of Respiratory Care or Cardiopulmonary Sciences program, list pertinent experience since graduation\*:

	Institution	Date of Employment	Position/Job Responsibilities
1.	_____	_____	_____ _____ _____
2.	_____	_____	_____ _____ _____
3.	_____	_____	_____ _____ _____
4.	_____	_____	_____ _____ _____

*\*Must include one letter of reference from one of these institutions.*

**POLYSOMNOGRAPHY APPLICATION AND DOCUMENTATION MUST BE SUBMITTED BY JULY 1<sup>ST</sup> TO BE CONSIDERED FOR ADMISSION TO THE FALL TERM.**

**I HAVE REVIEWED ALL ADMISSION REQUIREMENTS AND EXPECTATIONS ON THE VALENCIA POLYSOMNOGRAPHY WEBSITE. I AFFIRM THAT ALL INFORMATION ON THIS APPLICATION IS TRUE. I ALSO UNDERSTAND THAT IT IS FRAUDULENT TO MISREPRESENT ANY INFORMATION ON THIS FORM. I HAVE READ AND UNDERSTAND THE PERFORMANCE STANDARDS NECESSARY TO BE A COMPETENT POLSOMNOGRAPHER.**

\_\_\_\_\_  
**Signature**

\_\_\_\_\_  
**Date**

**Valencia Community College reserves the right to make changes in admission criteria and program information as circumstances require, and is an Equal Opportunity Institution.**

## Health Science Application

A \$15 non-refundable application fee to the program (check or money order payable to Valencia community college) must be submitted to the Business office with **each** application. Application and check must be together. Do not send separately.

Please make payment to the Business Office before turning in your application.

Valencia Community College  
Business office SSB 101  
1800 S. Kirkman Road  
Orlando, FL 32811

<b>Finance Use</b>
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## Criminal History

Have you ever been convicted of or entered a not contest or guilty pleas regardless of offense other than minor traffic violation?

YES       NO

If yes, explain.

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## **INDIVIDUALS WITH A DISABILITY:**

For the purpose of the Polysomnography Technology Program a "Qualified individual with a disability is one who, with or without reasonable accommodation or modification, meets the essential eligibility requirements for participation in the program."

Polysomnography Technology is a practice discipline with cognitive, sensory, affective, and psychomotor performance requirements. Based on these requirements a list of "Core Performance Standards" has been developed. Each standard has an example of an activity which a student will be required to perform while enrolled in the Polysomnography Technology Program. These standards are a part of each Polysomnography Technology course.

These standards should be used to assist students in determining whether accommodations or modifications are necessary for a student to meet program requirements. Students who identify potential difficulties with meeting the Core Performance Standards must communicate their concerns to the college counseling and advising staff.

Determination is made on an individual basis as to whether or not the necessary accommodations or modifications can be made reasonably.

## **CORE PERFORMANCE STANDARDS FOR ADMISSION AND PROGRESSION**

<b>Issue</b>	<b>Standard</b>	<b>Some Examples of Necessary Activities (not all inclusive)</b>
Critical Thinking	Critical thinking ability sufficient for clinical judgment	Identify cause-effect relationships in clinical situations, develop patient care plans
Interpersonal	Interpersonal abilities sufficient to interact with individuals, families, and groups from a variety of social, emotional, cultural, and intellectual backgrounds	Establish rapport with patients/clients and colleagues
Communication	Communication abilities sufficient for interaction with others in verbal and written form	Explain treatment procedures, initiate health teaching, document and interpret actions and patient/client responses
Mobility	Physical abilities sufficient to move from room to room and maneuver in small spaces	Moves around in patient's rooms, work spaces, and treatment areas, administer cardiopulmonary procedures
Motor Skills	Gross and fine motor abilities sufficient to provide safe and effective patient care	Calibrate and use equipment; position patients/clients
Hearing	Auditory ability sufficient to monitor and assess health needs	Hears monitor alarm, emergency signals, auscultatory sounds, cries for help
Visual	Visual ability sufficient for observation and assessment necessary in patient care	Observes patient/client responses
Tactile	Tactile ability sufficient for physical assessment	Perform palpation, functions of physical examination and/or those related to therapeutic intervention.

**Cost of the Polysomnography Technology Program  
2009-10**

Approximate costs for instate students in the Polysomnography Program during the two semesters include:

*Tuition fees (\$77.83 cr. hr. x 10)	\$778.30
Application Fee	15.00
Background Fee	49.00
Lab fees	164.00
Physical Exam	165.00
Hepatitis Immunizations	150.00
Immunizations: PPD, MMR, Tetanus, Varicella	150.00
CPR Certification	40.00
Books and syllabi (approximate)	400.00
Uniforms, lab coat, shoes	200.00
Name pins and uniform patches	25.00
Achievement tests	<u>100.00</u>
<b>Approximate total</b>	<b>\$2,236.30</b>

To be credentialed the graduate must successfully complete the following:

Board of Polysomnographic Technologists (BRPT) Examination for Polysomnographic Technologists	\$350.00
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Polysomnography Technology students will be responsible for furnishing transportation to the community and/or hospital facilities used by the college for clinical practice.

***\*Current fees subject to change***

(To view current tuition fees, please visit, <http://www.valenciacc.edu/finanserv/fees.cfm>)