# Polysomnography Sleep Medicine



Information Packet











## **POLYSOMNOGRAPHY - SLEEP MEDICINE**

A.A.S. DEGREE



## Become a Sleep Technician and Help People Get the Rest They Need

Insufficient sleep can cause serious health problems and is at epidemic rates among the U.S. population. It is estimated that 50-70 million Americans regularly experience some type of sleep disruption including insomnia, narcolepsy, apnea and others.

Polysomnographic (PSG) Technology is a special branch of allied health that diagnoses and treats sleep disorders. PSG technologists operate a variety of electronic monitoring devices that record brain activity (EEG), muscle and eye movement, respiration, and blood oxygen levels. Technologists

## **Career Opportunities**

According to the Bureau of Labor Statistics, jobs for medical and clinical laboratory technicians (the category representing Sleep Technicians) are expected to increase 18% between 2014 and 2024.

According to salary.com, the average annual salary of a Sleep Technician is \$56,778.

also help evaluate treatment methods.

ACC was the first college in the state of Texas to offer an associate of applied science degree in Polysomnography technology. Presently, only two colleges in the state offer this degree. As an ACC Polysomnography student, you will be prepared by highly qualified instructors and equipped with the knowledge and skills required to enter the growing field of sleep medicine.

## What Will I Study?

Our Polysomnography program allows students to learn about sleep as a component of health, sleep disorders, and the knowledge, skills, and behaviors needed to become a sleep technologist. The curriculum includes courses in basic health profession skills, anatomy and physiology, sleep disorders, sleep medicine, polysomnographic technology and more.

#### **For More Information:**

Website: www.alvincollege.edu/polysomnography

**Phone:** 281.756.5656

**Email:** polysom@alvincollege.edu

#### **POLYSOMNOGRAPHY - SLEEP MEDICINE**

Associate of Applied Science Degree - 60 credit hours

PROGRAM PREREQUISITES	CREDITS
P+BIOL 2401 - Anatomy & Physiology I	4
P+BIOL 2402 - Anatomy & Physiology II	4
P+ENGL 1301 - Composition I	3
FIRST YEAR - FIRST SEMESTER (Spring)	
HPRS 1304 - Basic Health Profession Skills	3
PSGT 1205 - Neurophysiology of Sleep	2
PSGT 1310 - Neuroanatomy & Physiology	3
PSGT 1340 - Sleep Disorders	3
PSGT 1400 - Polysomnography I	4
SECOND SEMESTER (Summer)	
PSGT 1260 - Clinical I - Polysomnography	2
PSGT 2205 - Sleep Scoring & Staging	2
PSGT 2371 - Pharmacology for Polysomnography	3
SECOND YEAR - FIRST SEMESTER (Fall)	
PSGT 2411 - Polysomnography II	4
PSGT 2660 - Clinical II - Polysomnography	6
RSPT 1237 - Basic Dysrhythmia Interpretation	2
<sup>+</sup> Select from Social & Behavioral Sciences Core Curriculum	3
SECOND SEMESTER (Spring)	
PSGT 1171 - Sleep Practice Management	1
PSGT 2250 - Infant & Pediatric Polysomnography	2
*PSGT 2661 - Clinical III - Polysomnography	6
<sup>+</sup> Select from Creative Arts Core Curriculum <b>or</b>	
<sup>+</sup> Select from Language, Philosophy & Culture Core Curriculum	3
POLYSOMNOGRAPHY (A.A.S.) DEGREE	60

<sup>+</sup> Denotes core requirement. Speak with Department Chair or Academic Advisor for proper course selection.

#### \*PROGRAM COSTS

The Polysomnography degree program costs approximately \$5,891 for in-district students and \$8,382 for those out-of-district. This includes tuition, fees, and textbooks for Polysomnography courses. Additional fees for supplies, uniforms, testing, vaccinations, insurance, and graduation are approximately \$640. Cost for the National Board Examination is approximately \$450.

\*Alvin Community College may change tuition rates and other fees without notice or when directed by the Board of Regents.

#### **APPLICATION DEADLINE**

The application deadline for the Polysomnography program is November 1.

#### **ACCREDITATION**

The program is fully accredited by the Committee on Accreditation for Polysomnographic Technologists Education (CoA-PSG) and the Commission on Accreditation of Allied Health Education Programs (CAAHEP).

Alvin Community College is an equal opportunity institution. If you have a disability and need assistance or require special accommodations contact the Office of Disability Services at 281-756-3533 or ods@alvincollege.edu.

Prerequisite courses must be completed before January start date.

<sup>\*</sup> Capstone Course

## Polysomnography - Sleep Medicine

Associate of Applied Science Degree Program (A.A.S.)

Purpose: The sleep technologist cares for patients with sleep disorders that affect sleep and wakefulness, providing care for patients who range in age from infants to the elderly. The range of services provided includes comprehensive evaluation and treatment of sleep disorders including in center polysomnographic testing and home sleep apnea testing, diagnostic and therapeutic interventions, comprehensive patient care and direct patient education. This broad range of services requires that the sleep technologist exercise critical thinking and independent judgment, and possess an advanced knowledge of sleep technology, sleep/wake disorders and associated co-morbid conditions such as cardiac disease, pulmonary disorders and diabetes.

Program Overview: The majority of technical course work for the program is completed on-campus. The clinical experiences are 1-2 nights per week at hospitals and Sleep Centers in the greater Houston area. Graduates are prepared for Board Registration by the Board of Registered Polysomnographic Technologists (BRPT). The program is fully accredited by the Committee on Accreditation for Polysomnographic Technologists Education (CoA-PSG), and the Commission on Accreditation of Allied Health Education Programs (CAAHEP), www.caahep.org.

Admission Requirements: A new class begins each spring semester. Application periods are typically August through October. Application must be submitted by November 1.

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

- Apply to Alvin Community College and fulfill the admission requirements. http://www.alvincollege.edu/Steps-to-Getting-Started
- Apply to the Polysomnography Program: Application Packets located at ACC or at http://www.alvincollege.edu/Polysomnography
- c. Attend an Polysomnography Information Session: Schedule a session at http://www.alvincollege.edu/Polysomnography
- d. Proof of college credit for BIOL 2401, BIOL 2402, and ENGL 1301 before the January start date.
- e. Not currently be on suspension or academic probation.
- Meet technical standards to perform procedures safely with accuracy and precision as listed in the application.
- After acceptance, applicant must complete a physical examination, meet immunization requirements, pass a background check, clear drug screening, provide proof of medical insurance, and attend the Polysom Program Orientation. Details on when and where to complete these will be provided in the acceptance Email.

#### **PLA-Prior Learning Assessment**

Credit may be awarded toward the AAS degree it the student meets the department requirements.

- 1. Registered by BRPT as a RPSGT with a minimum of 2 years full time experience in Polysomnography
- 2. Non Registered Polysomnography Technician with a minimum of 5 years full experience in Polysomnography

#### **Progression Policy**

- 1. The Polysomnography students will abide by the admission and curriculum requirements of the Polysomnography Department at the time they are admitted or re-admitted to the program.
- 2. Once a student has enrolled in the Polysomnography Program, all Polysomnography courses must be completed in the proper sequence as shown in the catalog and degree plan
- 3. No grade below a C is in PSGT, RSPT, or HPRS courses is acceptable...
- 4. Only two (2) attempts to pass a course will be permitted. An attempt is defined as a course in which a grade of D or F is recorded on the
- 5. Students must complete the program within three (3) years after initial acceptance.

Statutory law (Texas Occupations Code, Chapter 53) requires the Alvin Community College nursing and allied health programs to notify prospective applicants and future healthcare professionals a licensing/credentialing authority may suspend or revoke a license/ credential, disqualify a person from receiving a license/credential, or deny to a person the opportunity to take a licensing/credentialing examination on the grounds that the person has been convicted of certain criminal behavior.

## INFORMATION SESSIONS

If you are interested in the Polysomnography Program, please attend an information session.

Sessions are held on campus in room S242. Go to www.alvincollege.edu/polysomnography for dates and times.

## **Polysomnography - Sleep Medicine**

Associate of Applied Science Degree



Your College Right Now

**Application Deadline:** November 1 **Program Start:** Spring Semester - January

#### **Start Here**

If you are new to ACC, apply online at: www.applytexas.org and submit official transcripts to Admissions.

Admission Requirements	Additonal Requirements			
<u>REQUIRED COURSES</u> - Completion of the following courses	Email the following to polysom@alvincollege.edu			
with a minimum grade of 'C' no later than spring semester of the application year.	☐ Immunization record showing at least 2 or 3 shots completed in Hepatitis B series ☐ Two letters of reference ☐ Consent forms  What's Next?			
☐ ENGL 1301 - Compostion I				
□ BIOL 2401 - Anatomy & Physiology I				
□ BIOL 2402 - Anatomy & Physiology II				
<u>ACADEMIC COURSES</u> - Completion of the following courses is not required at the time of application, but is strongly recommended prior to admission.	Wait to be contacted by the department. Please be patient; it can take several weeks for admission applications to be processed.			
$\hfill \square$ 3 Credits: Social/Behavorial Science Core Elective	Eligible applicants will be invited for interviews held			
☐ 3 Credits: Creative Arts Core or Language, Philosophy & Culture Core Elective	approxinmately 2-3 weeks after the November 1 deadline.			
☐ Must be TSI complete	If Accepted?			
Attend an Information Session	A condition of admission is based on completion and/or of submission of the following:			
All applicants are required to attend an information session.	☐ Proof of personal health insurance			
☐ Visit www.alvincollege.edu/polysomnography for	☐ Passing a drug screening			
upcoming information session dates	☐ Physical examination			
☐ Email your name and date you will be attending to	☐ Immunization record showing: Completion of Hepatitis B Immunization series (may take)			
polysom@alvincollege.edu				
Apply	up to 6 months), COVID Vaccine, MMR, TDaP, TB, Varicella			
☐ Complete an online application: Open July 1 - November 1	and Influenza (please note: a titer may be required for some of these immunizations)			
Visit: www.alvincollege.edu/polysomnography/application	☐ Cleared criminal background			
	☐ Attend program orientation			
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For more information, contact: polysom@alvincollege.edu

Admission steps are subject to change at any time.

 $Please\ visit\ http://www.alvincollege.edu/admissions/getting-started-first-time-students.html\ for\ the\ most\ up-to-date\ information.$ 



## **Policy for Criminal Background Screening**

#### The purpose of this policy is to:

- 1. Comply with clinical affiliates who may require a student background check as a condition of their contract
- 2. Promote and protect patient/client safety

#### **Conduct of Criminal Background Check**

Background checks will be conducted as a condition of full acceptance into Polysomnography program. The results will be accepted for the duration of the student's enrollment in the Polysomnography program if the participating student has not had a break in enrollment at the college and if the student has had no disqualifying allegations or convictions while enrolled. Alvin Community College will designate the agency selected to do the criminal background screening. Results of the background check will be sent directly to the program director at the college. The student will pay the cost of the background directly to the agency. The student will sign a form indicating knowledge of this policy and their belief that they do not have any criminal history that would disqualify them from clinical rotations.

#### **Unsatisfactory Results**

A student with a significant criminal background screen will be ineligible to enroll in the polysomnography program. All criminal background information will be kept in confidential files by the investigating agency. Only the program director will have access to these files. A student who is convicted of a criminal offense while enrolled in the program must report the offense to the program director within three days of the conviction.

#### **Student Rights**

Students sign a release form that gives the program director the right to receive their criminal background information from the agency. If the student believes his or her background information is incorrect, the student is responsible for providing the evidence of the inaccuracy of the information to the investigating agency. The student will not be able to enroll in the polysomnography program until the question is resolved. The inability to participate in a clinical experience could prevent a student from meeting course objectives and result in failure of the course.

#### **Background Check Information for BRPT**

Students, upon graduation, will be qualified to make application to the Board of Registered Polysomnographic Technologists (BRPT). The BRPT application includes background history check and may deny an application based on the commission of certain serious offences. Please visit <a href="https://www.brpt.org">www.brpt.org</a> and check eligibility criteria.



## **Policy for Drug Screening**

#### **PURPOSE**

- Promote And Protect Patient/Client Safety
- Comply With Clinical Affiliates Drug Screen Requirements
- Detect Illegal Drug Use

#### **DEFINITION**

**Non-Negative Drug Screen**: A non-negative drug screen means a medically acceptable drug test, approved by Alvin Community College, the results of which indicates the use of illegal drugs.

**Illegal Drugs**: Illegal drugs include those drugs made illegal to possess, consume, or sell by Texas and Federal statutes. An illegal drug also includes those drugs taken by an individual which **exceed the prescribed limits of a lawful prescription or the taking of a prescription drug prescribed for another person.** 

#### DRUG SCREENING PROCEDURE

Drug screening is conducted on all student applicants prior to acceptance into the program and a non-negative drug screen will bar admission to the program for a minimum of 12 months. The results of the drug screen are generally accepted for the duration of the student's **uninterrupted** enrollment in the program unless allegations are made to support reasonable cause that the student is not free of illegal drug use; with reasonable cause the student may be required to submit to further drug screening at his/her own expense. Alvin Community College will be responsible for designating and approving the drug screening procedures. The student must complete drug screening at the scheduled time. An unscheduled drug screen will result in an additional expense to the student and conducted at a time and place designated by the college. The student must pre-pay for the drug screen as directed by the Program. The student is required to complete a release directing the company/agency conducting the drug screen test to send the results directly to the Program Director.

The results reported by the company/agency conducting the drug screen is final unless the student with a non-negative drug screen, within 10 days of learning of the non-negative drug screen, requests review of the results from the company/agency who originally administered the drug screen. Once the company/agency reports their review finding, the results are final and not appealable.

#### **POLICY**

When the college determines that a student has a non-negative drug screen, the student is not allowed to attend any clinical agency/rotation for a minimum of twelve months and may affect his/her re-admission to the program. The student with the non-negative drug screen is required to withdraw from the clinical course and all concurrent health, nursing or allied health programs. Prior to returning to the program, the student must re-apply and be accepted to the program (including re-testing), have a negative drug screen, and provide satisfactory documentation to the college of successful drug counseling and treatment, all at the expense of the student. When a student with a non-negative drug screen is accepted back into the program he/she will be subjected to unannounced random drug screening at their expense.



## **Technical Standards/General Job Description**

Qualified applicants are expected to meet all admission criteria as well as essential functions. Students requesting reasonable accommodations to meet these criteria must inform the Program Chair in writing of the need for accommodations at the time of admission. The student is expected to contact the ADA counselor in the new ESC (Enrollment Services Center) to file the appropriate forms documenting the need for accommodations.

FUNCTIONAL ABILITY	REPRESENTATIVE	EXAMPLES		
CATEGORY	ACTIVITY/ATTRIBUTE			
GROSS MOTOR SKILLS	<ul> <li>Move within confined spaces</li> <li>Sit and maintain balance</li> <li>Stand and maintain balance</li> <li>Reach above shoulders</li> <li>Reach below waist</li> </ul>	Stand to perform patient preparation for PSG exam. Raise/lower arms and bend at waist or knees while applying electrodes and sensors.		
FINE MOTOR SKILLS	<ul> <li>Pick up objects with hands</li> <li>Grasp small objects with hands</li> <li>Write with pen or pencil</li> <li>Key/type</li> <li>Pinch/pick or otherwise work with fingers</li> <li>Twist</li> <li>Squeeze with finger</li> </ul>	Grasp electrodes and sensors with hands during patient preparation.  Type patient information into PSG software with keyboard. Document on paper tech notes. Change settings computer software with computer mouse. Troubleshoot equipment by turning knobs and changing wires then observing improvements.		
PHYSICAL ENDURANCE	<ul> <li>Sustain repetitive movements</li> <li>Maintain physical tolerance for 8 or 12 hour periods</li> <li>Ability to perform activities day, afternoon, evening and night.</li> </ul>	Sitting in chair for long periods. Repetitive key strokes on keyboard while staging and scoring a PSG exam. Sit or stand for 12 hours shifts. Stand and perform repetitive procedure(s) on patients such as CPR.		
PHYSICAL STRENGTH	<ul> <li>Push and pull 25 pounds</li> <li>Support 25 pounds</li> <li>Lift 25 pounds</li> <li>Carry equipment/supplies</li> <li>Use upper body strength</li> <li>Squeeze with hands</li> </ul>	Assist patient from bed to chair. Hoist patient up in bed. Move patient from stretcher to bed and back.		
MOBILITY	<ul> <li>Twist</li> <li>Bend</li> <li>Stoop/squat</li> <li>Move quickly</li> <li>Climb</li> <li>Walk</li> </ul>	Bend to change equipment settings on floor, at knee level, waist level, chest level, eye level, above head. Make rapid adjustments if needed to ensure patient safety. Respond to patient quickly.		
HEARING	Hear normal speaking level sounds	Hear audible alarms. Hear patient over intercoms. Hear patients in dark		

VISUAL	<ul> <li>Hear faint voices</li> <li>Hear in situation when not able to see lips</li> <li>Hear auditory alarms</li> <li>See objects up to 20 inches away</li> <li>See objects up to 20 feet away</li> <li>Use depth perception</li> <li>Use peripheral vision</li> <li>Distinguish color</li> <li>Distinguish color intensity</li> <li>See objects and read in low lighted areas</li> </ul>	Read patient chart to determine correct therapy. Visually assess patient color to assess for hypoxia. Read settings on monitors and other equipment. Visually assess for changes in dimly lighted patient and control rooms. Confirm settings visually such as with ventilator display.		
TACTILE	<ul> <li>Feel vibrations</li> <li>Detect temperature</li> <li>Feel differences in surface characteristics</li> <li>Feel differences in sizes, shapes</li> <li>Detect environmental temperature</li> <li>Detect odors from patients</li> </ul>	Assess patient by feeling for patient pulse and O2 Saturation using pulse oximetry.  Assess for noxious odors originating		
SNIELL	<ul><li>Detect odors from patients</li><li>Detect smoke</li><li>Detect gases or noxious smells</li></ul>	from the patient or environment (example gas leak or smoke).		
READING	Read and understand written documents	Read and interpret physician orders, physician, therapist and nurses notes. Read from a computer monitor screen. Gather data reasonably accurate, and in a reasonable amount of time to ensure safe and effective patient care relative to other care givers.		
MATH COMPETENCE	<ul> <li>Read and understand columns of writing</li> <li>Read digital displays</li> <li>Read graphic printouts</li> <li>Calibrate equipment</li> <li>Convert numbers to and/or from the Metric System</li> <li>Read graphs</li> <li>Tell time</li> <li>Measure time</li> <li>Count rates</li> <li>Use measuring tools</li> <li>Read measurement marks</li> <li>Add, subtract, multiply, and/or divide whole numbers</li> <li>Compute fractions</li> <li>Use a calculator</li> <li>Write numbers in records</li> </ul>	Read and interpret patient graphics charts and graphic displays. Perform basic arithmetic functions in order to calculate head measurements using 10-20 system. Convert time given in minutes into hours and minutes. Calculate sleep efficiency, sleep onset, and all calculations needed in the final PSG report.		

EMOTIONAL STABILITY	<ul> <li>Establish appropriate emotional boundaries</li> <li>Provide emotional support to others</li> <li>Adapt to changing environment/stress</li> <li>Deal with the unexpected</li> <li>Focus attention on task</li> <li>Monitor own emotions</li> <li>Perform multiple responsibilities concurrently</li> <li>Handle strong emotions</li> </ul>	Provide for safe patient care despite a rapidly changing and intensely emotional environment. Perform multiple tasks concurrently. Maintain enough composure to provide for safe and effective patient care despite crisis circumstances.
ANALYTICAL THINKING	<ul> <li>Transfer knowledge from one situation to another</li> <li>Process information</li> <li>Evaluate outcomes</li> <li>Problem solve</li> <li>Prioritize tasks</li> <li>Use long-term memory</li> <li>Use short-term memory</li> </ul>	Evaluate different sources of diagnostic information to help arrive at a patient diagnosis. Evaluate priorities in order to provide for the most appropriate care. Appropriately evaluate data in order to notify physician and nursing when necessary.
CRITICAL THINKING	<ul> <li>Identify cause-effect relationships</li> <li>Plan/control activities for others</li> <li>Synthesize knowledge and skills</li> <li>Sequence information</li> </ul>	Evaluate different sources of diagnostic information to help arrive at a patient diagnosis and treatment. Evaluate data in order to formulate an appropriate action plan.
INTERPERSONAL SKILLS	<ul> <li>Negotiate interpersonal conflict</li> <li>Respect differences in patients, fellow students, and members of the healthcare team.</li> <li>Establish rapport with patients, fellow students, and members of the healthcare team.</li> </ul>	Communicate effectively with disagreeable patients, family doctors, and nurses and other staff in order to attempt to meet therapeutic goals for the patient.
COMMUNICATION SKILLS	<ul> <li>Teach</li> <li>Explain procedures</li> <li>Give oral reports</li> <li>Interact with others</li> <li>Speak on the telephone</li> <li>Influence people</li> <li>Convey information through writing</li> </ul>	Communicate effectively and appropriately with doctors, nurses, patients, family, and other staff in order to provide for most effective and efficient patient care.



## Immunizations (Required by State Law/Clinical Facilities)

#### PRIOR TO APPLICATION:

**Hepatitis B Vaccine:** Proof of completion of the hepatitis B vaccination series or serologic confirmation of immunity to hepatitis B is required as a condition of full acceptance to the program.

This is a series of 3 shots and can take up to 6 months to complete. We must see documentation of at least the **first two** immunizations at time of application. Documentation of the third vaccination must be provided at orientation.

#### **AFTER ACCEPTANCE:**

#### **COVID Vaccine:**

Booster may also be required

Tuberculin Test (PPD): REQUIRED ANNUALLY

Should be done close to the time you begin the program to last throughout the academic year

Chest x-ray required if PPD is positive (include signed copy of chest x-ray results).

#### Varicella (Chicken pox):

Vaccination with two doses of Varicella vaccine administered 4-8 weeks apart.

OR

Serologic test positive for Varicella antibody. (Attach laboratory proof of varicella immunity)

MMR (measles mumps and rubella)

Vaccination with two doses of MMR vaccine administered at least 28 days apart

OR

Serologic test positive for MMR antibodies. (Attach laboratory proof of MMR immunity)

#### TDaP (Tetanus, Diphtheria, Pertussis):

Immunization for TDaP administered on or after 18th birthday. (Vaccination MUST include Pertussis)

Seasonal Flu: REQUIRED ANNUALLY

A seasonal flu vaccine is required prior to October 1st for continued clinical participation.

## **CORE CURRICULUM**

Associate of Arts and Associate of Science Degrees

Effective Fall 2019

Component Area	Courses		
Communication 010	<b>Required:</b> ENGL 1301 <b>and</b> ENGL 1302 <u>or</u> 2311		
Mathematics 020	Select one: MATH 1314, 1324, 1325, 1332, 1342, 1350, 2412, 2413, 2414		
Life & Physical Sciences 030 (formerly Natural Sciences)	Select two: ASTR 1403, 1404  BIOL 1308, 1309, 1406, 1407, 2401, 2402  CHEM 1405, 1411, 1412, 2423, 2425  GEOL 1301, 1303, 1401, 1403, 1404, 1405, 1445, 1447  PHYS 1301, 1401, 1402, 1403, 1404, 2425, 2426		
Language, Philosophy & Culture 040  (formerly Humanities)	Select one: COMM 1307  ENGL 2322, 2323, 2327, 2328, 2332, 2333  FREN 2311, 2312  HUMA 1301, 1302  PHIL 1301, 1304, 2306  SPAN 2311, 2312, 2313, 2315		
Creative Arts 050 (formerly Visual & Performing Arts)	Select one: ARTS 1301, 1303, 1304 COMM 2366 DRAM 1310, 1351, 1352 2362, 2366 MUSI 1306, 1307, 1310		
American History 060 (formerly U.S. History)	Select <u>one</u> HIST 1301 and 1302 or 2301, group: HIST 2327 and 2328 or 2301		
Government / Political Science 070  (formerly Political Science)	Required: GOVT 2305 and 2306		
Social & Behavioral Sciences 080	Select one: ECON 2301, 2302 GEOG 1303 PSYC 2301 SOCI 1301		
Component Area Options 090	Select one from each group:  Group One: SPCH 1315, 1318, 2335	Group Two:  PSYC 1300 (recommended) or  Any course contained in the Core Curriculum that has not already been used to fulfill requirements for each Component Area	6
TOTAL CORE CURRICULUM CREDITS			

## Compensation by Position Summary Table - 2016

		Hourly		Hourly Annually		Per Patient		Differential
		Starting	Top hourly	Starting	Top annual	Starting rate	Top rate per	Night shift
		hourly rate	rate	annual salary	salary	per patient	patient	hourly pay differential
manufactures of the state of th	Median	\$15.00	\$18.75	-	-	MATERIAL PROPERTY AND CONTRACT OF SALES		71.90
Trainee	Mean	\$16.29	\$20.91					\$ 1.78
	N	91	76					/-1
	Median	\$18.00	\$24.00	\$44,500.00	\$72,500.00	\$100.00		
Technician	Mean	\$18.84	\$24.44	\$49,013.00	\$73,689.50	\$99.00		
	N	168	156	6	()	,		
	Median	\$22.00	\$29.85	\$55,000.00	\$69,880.00	\$152.50	\$170.00	
Technologist	Mean	\$22.27	\$30.04	\$54,947.64	\$69,316.57	\$156.42	5174.75	
	N	387	375	33	35	13	1()	
	Median	\$23.00	\$30.00	\$46,000.00	\$68,000.00	\$30.00	\$35.00	
Scorer	Mean	\$23.81	\$30.60	\$48,596.00	\$74,180.00	\$34.29	\$38.96	
	N	220	207	18	16	24	2 ;	
Specialty	Median	\$24.00	531.00	\$56,000.00	\$76,500.00			
Specialty Technologist	Mean	\$24.78	\$32.74	\$50,833.33	\$63,833.33			
	N	71	7()	6	()			
Shift Supervisor	Median	\$24.12	\$30.05	\$60,000.00	\$82,092.00			
	Mean	\$24.52	\$31.32	\$63,072.67	\$80,593.65			
	И	103	104	18	17			
Clinical Coordinator	Median	\$25.00	\$31.75	\$62,000.00	\$72,000.00			
	Mean	\$24.93	\$30.79	\$66,330.73	\$76,819.36			
	N	71	76	41	30			
Manager/Director	Median	\$28.00	\$35.00	\$65,000.00	\$83,000.00			
	Mean	\$28.71	\$35.71	\$70,028.45	\$87,322.82			
	N	70	73	179	164			

Note: A dash (-) denotes insufficient sample size for calculation.