

PSG A170: POLYSOMNOGRAPHIC PRACTICE

Item	Value
Curriculum Committee Approval Date	12/02/2020
Top Code	121100 - Pharmacy Technician
Units	.5 Total Units
Hours	9 Total Hours (Lecture Hours 9)
Total Outside of Class Hours	0
Course Credit Status	Credit: Degree Applicable (D)
Material Fee	No
Basic Skills	Not Basic Skills (N)
Repeatable	No
Open Entry/Open Exit	No
Grading Policy	Pass/No Pass (B)

Course Description

Preparatory course for polysomnography clinical experience. Topics will include medical ethics, clinical emergencies, behavioral and performance objectives, and employability skills. COREQUISITE: PSG A150 and PSG A165. Transfer Credit: CSU.

Course Level Student Learning Outcome(s)

1. Evaluate a patient history, plan PSG exam parameters according to the clinical requirements of a sleep disorder center, respond to medical emergencies encountered in a sleep lab and meet all requirements for assignment to a clinical affiliate site.

Course Objectives

- 1. Respond appropriately to emergency situations arising from epileptic seizure, cardiac arrhythmia, and stroke.
- 2. Evaluate a patient history of various sleep disorders and complaints.
- 3. Understand the clinical requirements of sleep disorder centers.
- 4. Understand the issues of medical ethics and professionalism.
- 5. Demonstrate basic patient care, comfort, and safety required for sleep study patients
- 6. Meet all requirements for assignment to a clinical affiliate site.

Lecture Content

I. Epileptic Seizures Management of a seizure First aid and patient safety
 II. Cardiac symptoms and responses Recognition of ECG arrhythmias
 First aid, safety and CPR review III. Stroke symptoms and responses
 Warning signs Three types of strokes First aid and patient safety
 IV. Infection control Personal protective equipment Hand hygiene
 Environmental cleaning Respiratory hygiene and cough etiquette
 Transmission based precautions V. Clinical requirements Medical Ethics
 and Law Dress code Rules and regulations Physical Behavioral objectives
 Performance objectives Employability skills

Method(s) of Instruction

- Lecture (02)
- DE Live Online Lecture (02S)

Instructional Techniques

Directed class discussions, videos, and guest lectures.

Reading Assignments

0.5 - 1.0 hours/week Polysomnography Clinical Handbook

Writing Assignments

Students will prepare and understand a patient history including sleep questionnaires.

Out-of-class Assignments

Students will prepare for clinical rotations through review and understanding of the Polysomnography Clinical Handbook. (18 hours/semester)

Demonstration of Critical Thinking

Class participation, completing handouts and the development of appropriate PSG recordings, including patient information and recording parameters

Required Writing, Problem Solving, Skills Demonstration

Completion of patient history and sleep questionnaires. 1 - 2 hours per week

Eligible Disciplines

Diagnostic medical technology-diagnostic medical sonography, neurodiagnosti...: Any bachelor's degree and two years of professional experience, or any associate degree and six years of professional experience.

Textbooks Resources

1. Required Lane, Daniel D. Polysomnographic Technology Clinical Handbook, ed. Orange Coast College, 2020 Rationale: most recent edition