

# POLYSOMNOGRAPHY (PSG)

**PSG A100** 1 Unit (18 lecture hours)

## Polysomnography Basics

**Grading Mode:** Standard Letter

**Transfer Credit:** CSU.

An introduction to fundamentals of sleep technology, the signs, symptoms, treatments, polysomnography recording techniques, and other differences observed in various sleep disorders.

**PSG A140** 4 Units (54 lecture hours; 54 lab hours)

## Introduction to Polysomnography

**Grading Mode:** Standard Letter

**Transfer Credit:** CSU.

Fundamentals of PSG, including application of electrodes, basic wave forms, artifacts, and introduction to the PSG machine. All enrollees must be accepted into the Polysomnography program.

**PSG A150** 3 Units (54 lecture hours)

## Intermediate Polysomnography

**Co-requisite(s):** PSG A160.

**Grading Mode:** Standard Letter

**Transfer Credit:** CSU.

A fundamental and detailed study of the various sleep disorders, their symptoms, consequences, treatments, and polysomnographic manifestations. Sleep stage scoring, pattern recognition and data computation are covered. Instruction in patient examination and history taking for sleep disorders is included.

**PSG A155** 0.5 Units (12 lecture hours)

## Cardiac Rhythm Analysis

**Grading Mode:** Standard Letter

**Transfer Credit:** CSU.

Electrocardiogram analysis for the assessment and care of patients in a sleep lab.

**PSG A160** 2 Units (18 lecture hours; 36 lab hours)

## Polysomnography Testing

**Co-requisite(s):** PSG A150.

**Grading Mode:** Standard Letter

**Transfer Credit:** CSU.

Hands-on experience and instrumentation theory of various polysomnographic recording equipment utilized for recording sleep studies and includes patient hookup, calibration and simulated testing in the lab. Continuous Positive Airway Pressure (CPAP) and oxygen titration demonstration.

**PSG A165**

1 Unit (72 other hours)

## Polysomnography Clinical 1

**Co-requisite(s):** PSG A150 and PSG A160.

**Grading Mode:** Pass/No Pass

**Transfer Credit:** CSU.

Clinical application of polysomnographic testing at an affiliated sleep disorder center to include patient interaction, application of testing equipment, and monitoring sleep behavior.

**PSG A170**

0.5 Units (9 lecture hours)

## Polysomnographic Practice

**Co-requisite(s):** PSG A150 and PSG A165.

**Grading Mode:** Pass/No Pass

**Transfer Credit:** CSU.

Preparatory course for polysomnography clinical experience. Topics will include medical ethics, clinical emergencies, behavioral and performance objectives, and employability skills.

**PSG A175**

3 Units (144 lab hours)

## Polysomnography Clinical 2

**Prerequisite(s):** PSG A165.

**Grading Mode:** Pass/No Pass

**Transfer Credit:** CSU.

Clinical application of Polysomnographic testing at an affiliated sleep disorder center to include patient interaction, application of testing equipment, and monitoring sleep behavior. Offered on a pass-no pass basis only.

**PSG A190**

3 Units (54 lecture hours)

## Introduction to Polysomnography Anatomy and Physiology

**Grading Mode:** Standard Letter

**Transfer Credit:** CSU.

An introduction to the anatomy of the central and peripheral nervous system with correlation to related symptoms and pathology as needed by a Polysomnography Technologist.

**PSG A250**

3 Units (36 lecture hours)

## Polysomnography Record Review

**Prerequisite(s):** PSG A150.

**Grading Mode:** Standard Letter

**Transfer Credit:** CSU.

Review of normal and abnormal polysomnographic recordings. Learn to recognize normal and abnormal sleep and breathing patterns and behaviors, artifacts, titration of CPAP, BiPAP, and oxygen. Scoring and calculation of polysomnographic recordings.

**PSG A260 3 Units (54 lecture hours)**

**Advanced Polysomnography**

**Prerequisite(s):** PSG A160.

**Grading Mode:** Standard Letter

**Transfer Credit:** CSU.

Advanced aspects of polysomnographic technology, testing, instrumentation, ancillary testing, basic management skills, and computerized scoring.

**PSG A265 3 Units (144 lab hours)**

**Polysomnography Clinical 3**

**Prerequisite(s):** PSG A175.

**Grading Mode:** Pass/No Pass

**Transfer Credit:** CSU.

Continued clinical application of Polysomnographic testing at an affiliated sleep disorder center. Includes patient interaction, application of testing equipment, and monitoring sleep behavior. Offered on a pass-no pass basis only.

**PSG A280 2 Units (36 lecture hours)**

**Pediatric Sleep Medicine**

**Grading Mode:** Standard Letter

**Transfer Credit:** CSU.

An advanced practice of polysomnography to understand and gain knowledge of current trends in the pediatric sleep and the importance of competent performance in the field as it pertains to pediatric sleep.

**PSG A285 2.5 Units (135 lab hours)**

**Polysomnography Internship**

**Co-requisite(s):** PSG A265.

**Grading Mode:** Pass/No Pass

**Transfer Credit:** CSU.

Final clinical experience in an affiliated Sleep Disorders Center. Students will work with patients and technologists at night in the laboratory to obtain interpretable polygraphs. Offered on a pass-no pass basis only.