

2020-2021 Program Assessment Report

Sleep Health A.A.S. Polysomnographic Technology Option

1. Mission, Objectives & Learning Outcomes

rigorous applied degree programs in the areas of management, and the arts and sciences. To foster student and graduate success, the university provides an intimate, hands-on learning environment, focusing on application of theory to practice. Oregon Tech offers statewide educational opportunities for the emerging needs of Oregonians and provides information and technical expertise to state, national and international constituents.

Core Theme 1: Applied Degree Programs

Oregon Tech offers innovative and rigorous applied degree programs. The teaching and learning mo710 (12.6.04 Tc - Tff constituents.

*The focus of this assessment report will be on the PSG Certificate portion of the PSG AAS as nearly all PSG students enter the program to first earn the Certificate which allows sitting for the national board exam in sleep technology.

History

The program began in 2007 as the first national fully-online CAAHEP accredited program for

Oregon Tech online faculty and on-site RPSGT working professionals. The clinical rotation provides student with real-world sleep lab experiences and is always the most highly-rated component of the PSG program.

Program Review:

Program Student Learning Outcomes and Objectives were reviewed by program faculty via phone call in Fall 2020. Faculty review is an on-going process with frequent phone/email communication between the Program Director and main faculty member (Jane Peri, PhD, former Program Director), as well as periodic communication with the Medical Director (David Panossian, M.D.) and the Department Chair (Jeff Pardy, RRT, MBA)

The annual Program Advisor meeting took place on Nov 3, 2020 (Zoom call). In ata-2 (all)(l)1(l)-3.9.1 (e)-3 (nji (e)-3.1.5 (Tpeoroor

PSLO #4: Demonstrates ability to accurately analyze and summarize adult PSG data.

PSLO #5: Demonstrates understanding of PAP and O2 theory, application and contraindications.

	Direct Practical	Direct Practical	-----
	Student Survey	Student Survey	-----
PSLO 2	Comp Exam	Comp Exam	-----
	10/20 Diagram	10/20 Diagram	-----

6. Assessment Activity

PSLO #4:

Demonstrates ability to accurately analyze and summarize adult PSG data.

Student data for ISR scoring is tracked each term. ISR scoring data from the capstone course PSG 271C was assessed.

ISR scoring includes three categories of PSG scoring:

1. Sleep Stages
2. Respiratory Events
3. Periodic Limb Movements

In the field of Sleep Technology, the industry standard is 85% agreement with expert scorers.

For assessment, the following scoring rubric was used:

x >85%=5, 70-84%=4, 55-69%=3, 40-54%=2, <40%=1

In this 2020/2021 assessment of PSLO ~~4~~ 4, ~~demonstrates ability to accurately analyze and summarize adult PSG data, students performed at a very high level,~~ demonstrates ability to accurately analyze and summarize adult PSG data, students performed at a very high level,

Faculty Discussion:

2019-2020 assessment data were shared with key faculty via cell calls during the month of October 2020. Sampled students in PSG 271C, the capstone course, overall did fairly. All

Last year, much of the program assessment focus was on bi-level PAP/advanced PAP modalities. Assessment data showed criteria was met by students in this area. We will continue to monitor this important area of polysomnography. It was observed last year that Covid-related disruptions in student rotations may have been problematic. Therefore, this year's assessment focus was on PSLO #4 (PSG scoring). We are pleased to show solid performance by students in this area, evidenced by all students performing above national standards in adult PSG scoring.

Final Thoughts

At this time, no significant modifications are required in the delivery of the program to students. This assessment report will be shared later this year in the annual program advisor meeting. Discussion will occur about program assessment activity for next year.