**Continuous Improvement Plan**

**Outcomes might not change from year to year. For example, if you have not met previous targets, you may wish to retain the same outcomes. *If this is an academic, workforce, or continuing education program, you must have at least one student learning outcome.* You may also add short-term administrative, technological, assessment, resource or professional development goals, as needed.**

**Date:** 1/15/2021 **Name of Program/Unit:** Polysomnographic Technology

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**Table 1: CIP Outcomes, Measures & Targets Table (focus on at least one for the next two years)**

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| **A. Expected Outcome(s)**  Results expected in this unit  (e.g. Authorization requests will be completed more quickly; Increase client satisfaction with our services) | **B. Measure(s)**  Instrument(s)/process(es) used to measure results  (e.g. survey results, exam questions, etc.) | **C. Target(s)**  Level of success expected  (e.g. 80% approval rating, 10 day faster request turn-around time, etc.) |
| * Given the physician’s orders for the sleep study, the student will be able to conduct all pre-study, study, and post-study procedures with 100% accuracy. | * Clinical capstone evaluation competency exercises performed in PSGT 2361 will assess pre-study, study, and post-study procedures. | * 80% of students achieve 100% accuracy on all clinical capstone competency exercises. |
| * Given a patient’s sleep study data, the student will be able to assess the patient need for treatment and intervention of the sleep disorder, perform PAP titrations and oxygen administration when needed, and troubleshoot during sleep studies. | * Scenario-based questions on the Registered Polysomnographic Technologist (RPSGT) practice exam administered in PSGT 2272 and Certification in Clinical Sleep Health (CCSH) practice exam administered in PSGT 2374 will assess the student’s ability to critically think through treatment and intervention needs, performance of PAP titrations and oxygen administration, and troubleshooting during sleep studies. | * 100% of students score 80% or better on each exam. |
| * The student will be able to analyze and critically score sleep study data that may be utilized by a licensed sleep medicine physician in the diagnosis and treatment of sleep disorders. | * Scoring American Academy of Sleep Medicine (AASM) Interscorer Reliability (ISR) studies administered in PSGT 2205. ISR studies are the sleep medicine industry’s standard of evaluating sleep technologists’ assessment of sleep study data. | * 100% of students score an average of 85% or better on ISR studies. |

**Description of Fields in the Following CIP Tables:**

**A. Outcome(s)** -Results expected in this program (e.g. Students will learn how to compare/contrast conflict and structural functional theories; increase student retention in Nursing Program).

**B. Measure(s)** -Instrument(s)/process(es) used to measure results

(e.g. results of surveys, test item questions 6 & 7 from final exam, end of term retention rates, etc.)

**C. Target(s)** -Degree of success expected (e.g. 80% approval rating, 25 graduates per year, increase retention by 2% etc.).

**D. Action Plan** -Based on analysis, identify actions to be taken to accomplish outcome. What will you do?

**E. Results Summary** - Summarize the information and data collected in year 1.

**F. Findings** - Explain how the information and data has impacted the expected outcome and program success.

**G. Implementation of Findings** – Describe how you have used or will use your findings and analysis of the data to make improvements.

**Table 2. CIP Outcomes 1 & 2 (FOCUS ON AT LEAST 1) from 2018 CIP.**

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| 1. **Outcome #1** Increase student enrollment in the Polysomnographic Technology Program | |
| 1. **Measure (Outcome #1)** Initial program admission numbers for Fall 2019 | 1. **Target (Outcome #1)** Have 12-16 students per incoming cohort per track |
| 1. **Action Plan (Outcome #1)** Increase Program visibility by: (1) attending more college and career fairs at area high schools, (2) hosting program information tables at New Student Orientation and other Student Engagement events, and (3) creating a virtual information session that can be accessed online for prospective students to learn about the program. | |
| 1. **Results Summary (Outcome #1)** The Program started with 12 students for the cohort beginning Fall 2019. | |
| 1. **Findings (Outcome #1)** While the Program achieved the goal of a minimum of 12 students for the cohort beginning in Fall 2019, it was the lower end of the goal, and the program would like to continue to improve upon that through more active recruiting processes. | |
| 1. **Implementation of Findings** With COVID-19, the Program has been exploring virtual options of promotion as normal routes of promotion have not been possible. The Program has developed a virtual information session that can be accessed on demand with a provided link. Live Zoom information sessions will take place in the Spring 2021 semester, as well as participation in virtual college/career fairs and other virtual events. The Program is also working with other departments, such as Biology, to do shared projects that will introduce students to the Program. It is the program’s hope that these initiatives will help to boost enrollment. | |

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| 1. **Outcome #2** Increase the number of students completing the Polysomnographic Technology Program | |
| 1. **Measure (Outcome #2)** Retention data showing decreases in attrition | 1. **Target (Outcome #2)** Less than 20% overall attrition in the Program |
| 1. **Action Plan (Outcome #2)** Evaluate admissions criteria and introduce a new interview/discussion process to the current admissions process with prospective students to make them more aware of program expectations prior to admission and to be ready for the night shift. | |
| 1. **Results Summary (Outcome #2)** Attrition for the Class of 2021 is 17%. Of the students lost in the Class of 2021 cohort, both students have returned to the Program for the Class of 2022 cohort. | |
| 1. **Findings (Outcome #1)** With a 17% attrition rate, the Program has achieved the goal of under 20% attrition. | |
| 1. **Implementation of Findings** Although the Program has hit its goal, the Program would like to see the attrition number continue to decrease. A new interview process was introduced to evaluate program applicants for the cohort starting in Fall 2020, and the program is continuing to evaluate applicant data to identify target areas that help pinpoint student success. | |