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

|  |  |  |
| --- | --- | --- |
| **A. Expected Outcome(s)**Results expected in this program(e.g. Students will learn how to compare/contrast theories; Increase student retention in PSYC 2301) | **B. Measure(s)**Instrument(s)/process(es) used to measure results(e.g. surveys, end of term class results, test results, etc.) | **C. Target(s)**Level of success expected(e.g. 80% success rate, 25 graduates, etc.) |
| Given patient information, the student evaluates data in the patient record to include patient history, physical examination, lines, drains, and airways, lab results, blood gasses, pulmonary function testing results, 6-minute walk test results, imaging study results, maternal and perinatal history, sleep studies, trends in monitoring results (i.e. fluid balance and vital signs) and, pathophysiological state.  | National Board for Respiratory Care Therapist Multiple Choice Examination Section I: Patient Data Sub Section A: Evaluate Data in the Patient Record | Meet or exceed the national average in Section IA of the National Board for Respiratory Care Therapist Multiple Choice Exam. |
| Given the task of ensuring infection prevention, the student adheres to infection prevention policies and procedures (standard precautions, donning/doffing, and isolation), adheres to disinfection policies and procedures, and properly handles biohazardous materials.  | National Board for Respiratory Care Therapist Multiple Choice Examination Section II: Troubleshooting and Quality Control of Devices and Infection ControlSub Section B: Ensure Infection Prevention | Meet or exceed the national average in Section IIB of the National Board for Respiratory Care Therapist Multiple Choice Exam. |
| Given a patient’s disease process, the student will conduct patient and family education on the following: safety and infection control, home care and related equipment, lifestyle change (smoking cessation/exercise), pulmonary rehabilitation, disease management (asthma, chronic obstructive pulmonary disease, cystic fibrosis, or tracheostomy care).  | National Board for Respiratory Care Therapist Multiple  Choice Credentialing Examination Section 3I: Conduct  Patient and Family Education | Meet or exceed the national average in Section 3I of the National Board for Respiratory Care Therapist Multiple Choice Exam. |
| Increase recruitment efforts to include the following: visibility on other campuses, increase guest speaking in BIOL courses, increase social media presence of program, and tap into certificate programs for recruitment. | Total number of applicants applying to the program | Achieve 25% increase in applicants in year 1 and additional 25% increase in year 2.  |

**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. *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. Choose 1 to 2 outcomes from Table 1 above to focus on over the next two years.**

**A. Outcome(s)** -Results expected in this program (from column A on Table 1 above--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 essay assignment, test item questions 6 & 7 from final exam, end of term retention rates, etc.).

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

**D. Action Plan** -Implementation of the action plan will begin during the next academic year. 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 program improvements.

**Table 2. CIP Outcomes 1 & 2**

|  |
| --- |
| 1. **Expected Outcome #1**

Improve the total number of applicants received by the program application deadline**.**  |
| 1. **Measure (Outcome #1)**

Total number of applicants submitted in 2021.  | 1. **Target (Outcome #1)**

Increase the number of applicants by 25%.  |
| 1. **Action Plan (Outcome #1)**

 1) host more program information sessions  2) consider adding an online information session (request assistance from the ELC) 3) elevator pitch done in BIOL courses on other campuses 4) increase social media presence 5) increase the visibility of the program on other campuses (student organization boards, resource tables, posters) 6) host more activities during Respiratory Care Week 7) purchase additional promotional items for career fairs 8) consider part time Recruitment position under next Perkins Request |
| 1. **Results Summary (Outcome #1) TO BE FILLED OUT IN YEAR 4**

Applications in 2021 (compared to 2020) increased by 20% which did not meet the 25% goal. Applications have remained at the same amount 2021, 2022, and 2023.  |
| 1. **Findings (Outcome #1) TO BE FILLED OUT IN YEAR 4**

Cause of increased applicants may be attributed to #2, 4, 5, and 7 in the action plan above. Covid has also generated interest in the profession due to media coverage or personal experiences of applicants. This is a problem among all respiratory programs across the nation.  |
| 1. **Implementation of Findings (Outcome #1) TO BE FILLED OUT IN YEAR 4**

The program now hosts 5-6 virtual information sessions in the log semesters. The program will increasing the number of biology classes and labs visited to make more students aware of the program and the profession in an attempt to achieve an increase in applications by 20 or 25% in 2024..  |

**Table 2. CIP Outcomes 1 & 2 (continued)**

|  |
| --- |
| 1. **Expected Outcome #2**

Meet or exceed the national average in Section 2B of the National Board for Respiratory Care Therapist Multiple Choice Exam. Students went from scoring 110% of the national mean in 2018 to scoring 93% of the national mean in 2019 (a drop in 17%).  |
| 1. **Measure (Outcome #2)**

1) National Board for Respiratory Care Secure Self-Assessment Exam2) National Board for Respiratory Care Therapist Multiple Choice Credentialing Exam  | 1. **Target (Outcome #2)**

1) 95%-100% first time pass rate on the practice self- assessment exam in RSPT 2130 in Spring 2021 and 20222**)** Meet or exceed the national average in Section 2B of the National Board for Respiratory Care Therapist Multiple Choice Exam. |
| 1. **Action Plan (Outcome #2)**

 **1) Develop a detailed handout that outlines the proper handling of biohazardous material for HPRS 1204 and RSPT 1201.**  **2) Develop a competency for infection control (in the lab and clinical setting).** **3) Add patient education (regarding home care equipment and proper cleaning) to applicable lab competencies in RSPT 1410.**  **4) Clinical instructors will expose students to patient education upon discharge, if available, if patient is going to have equipment at**  **home.**  |
| 1. **Results Summary (Outcome #2) TO BE FILLED OUT IN YEAR 4**

1) In 2023, the program had an 86% pass rate on the NBRC Self-Assessment Exam. 2) In 2022, students scored 114% of the national mean in section 2B of the National Board for Respiratory Care. In 2023 students scored 121% of the national mean in section 2B of the National Board for Respiratory Care Therapist Multiple Choice Exam.  |
| 1. **Findings (Outcome #2) TO BE FILLED OUT IN YEAR 4**

Findings indicated that students benefitted from the action items. Lab and Clinical instructors were involved with implementation of action plans.  |
| 1. **Implementation of Findings (Outcome #2) TO BE FILLED OUT IN YEAR 4**

There is no additional implementation for this Expected Outcome. In reviewing the data from 2021, students dropped in section 1D (Evaluate Procedure Results) by 16% but still scoring at 94% of the national average. Faculty discussed strategies to expose students to 6 minute walk tests and increased hands-on instruction regarding non-invasive monitoring such as transcutaneous monitoring and co-oximetry. Self-assessment data from April 2022 indicates that students scored 136% of the national mean in the self-assessment exam. In 2022, students scored 114% of the national mean in sections 1D and 2B and 110% in section 3I of the National Board for Respiratory Care Therapist Multiple Choice Exam. In 2023, students scored 130% of the national mean in section 1D, 121% in section 2B and 125% in section 3I.  |