**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:** 5/1/2020 **Name of Program/Unit:** Surgical Technology

**Contact name:** **Contact email:** **Contact phone:**

**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 an electronic record in the form of a patient chart the student identifies and checks to assure laboratory result are within normal limits, reviews physician orders, operative consent, allergies, and history and physical for appropriateness and completion. | National Board of Surgical Technology and Surgical Assisting Examination (NBSTSA).     1. Section 1. A Perioperative Care | Meet or exceed the threshold (70%) for Accreditation for Education Programs in Surgical Technology and Surgical Assisting (ARC/STSA) Outcomes Assessment Exam. |
| Given a specific surgical procedure or specialty area the student will follow procedures with admitting the patient and obtaining pre-op assessment. | Practice credentialing exam in capstone course SRGT 2561 Clinical II  Performance Report Subject area: 1. A.    Pre- operative Preparation | Performance Report exceed the National section 3A Basic Science threshold for Certification Examination--100% pass rate |
| Demonstrate knowledge of anatomical system as they relate to surgical procedures. | Practice credentialing exam in capstone course SRGT 2561 Clinical II  Performance Report Subject area: 1. A.    Pre- operative Preparation | Performance Report exceed the National section 3A Basic Science threshold for Certification Examination--100% pass rate |
| Participate in “Time Out” | Practice credentialing exam in capstone course SRGT 2561 Clinical II  Performance Report Subject area: 1. A.    Pre- operative Preparation | Performance Report exceed the National section 3A Basic Science threshold for Certification Examination--100% pass rate |
| Implement safe practice techniques in regards to perioperative routines, patient transportation and positioning. | Practice credentialing exam in capstone course SRGT 2561 Clinical II  Performance Report Subject area: 1. A.    Pre- operative Preparation | Performance Report exceed the National section 3A Basic Science threshold for Certification Examination--100% pass rate |
| Follow-up with patient and anesthesiologist post-operative. | Practice credentialing exam in capstone course SRGT 2561 Clinical II  Performance Report Subject area: 1. A.    Pre- operative Preparation | Performance Report exceed the National section 3A Basic Science threshold for Certification Examination--100% pass rate |
| Demonstrate knowledge of human physiology as it relates to surgical procedures for cardiovascular, nervous, respiratory, digestive, peripheral vascular, reproductive, skeletal, and other system. | National Board of Surgical Technology and Surgical Assisting Examination (NBSTSA). | * Performance Report exceed the National section 3A Basic Science. For Certification Examination * Demonstrate knowledge of anatomical system as they relate to surgical procedures |

**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)**

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| 1. **Outcome #1**   Given an electronic record in the form of a patient chart the student identifies and checks to assure laboratory result are within normal limits, reviews physician orders, operative consent, allergies, and history and physical for appropriateness and completion.   * Use web-based certification exam review such as North Star Learning. | |
| 1. **Measure (Outcome #1)**   National Board of Surgical Technology and Surgical Assisting Examination (NBSTSA).    Section 1. A Perioperative Care  Assessment is accomplished through quizzes, tests, case studies, and homework assignments, and with classroom oral presentations of projects. Passing score 80%. | 1. **Target (Outcome #1)**   Meet or exceed the threshold (70%) for Accreditation for Education Programs in Surgical Technology and Surgical Assisting (ARC/STSA) Outcomes Assessment Exam.  Exceed National Certification Examination threshold 70% |
| 1. **Action Plan (Outcome #1)**  * Implemented North Star Learning computerized questions/exams for CST review second semester. * Student is required to complete 1 surgical case reports /week. They may choose the reports on the surgical procedures they have performed that week. | |
| 1. **Results Summary (Outcome #1)**   105% is the average score. | |
| 1. **Findings (Outcome #1)**   Data indicates students scored 105% of the national mean. 1A. Pre-Operative Care National mean 107% is the average score | |
| 1. **Implementation of Findings**   Integrate principles of surgical asepsis as part of the perioperative experience. Students will:   * Create and maintain the sterile field. * Follow aseptic principles aimed at preventing microorganisms from contaminating the surgical wound. | |

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| 1. **Outcome #2**   **Perioperative Care**   * Introduced a review for the National Certification exam to improve outcomes. * Incorporates computerized program with practice questions for the National Certification Review. | |
| 1. **Measure (Outcome #2)**   The certification examinations must be successfully passed with a score of 102 or better. | 1. **Target (Outcome #2)**   A review for the National Certification is incorporated in the second semester. |
| 1. **Action Plan (Outcome #2)**  * **Improve outcomes incorporate Board Vitals a computerized program student can practice questions for the National Certification Review.** | |
| 1. **Results Summary (Outcome #2)**   Increased from 92% pass rate to 100% pass rate. | |
| 1. **Findings (Outcome #1)**   The certification exam administered by NBSTA National Board of Surgical Technology and Surgical Assistance. Passing score of 102 or better. | |
| 1. **Implementation of Findings**   Assessment is an ongoing process all through the curriculum. Improvements to the program were implemented through the computerized program for Board vitals that was incorporated. We believe that this implementation led to improvements of 8% in the pass rate. | |