**Date:** **February 26, 2015** **Name of Administrative or Educational Support Unit: Surgical Technology Program**

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**Mission:**

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| The Surgical Technology program and Collin College are committed to providing high quality education in the field of Surgical Technology and to provide the health care consumer with highly competent and motivated practitioners. The National Board of Surgical Technology and Surgical Assisting (NBSTSA) has conferred upon this surgical technology program an award of merit due to the graduate pass rate on the Certified Surgical Technologist (CST) certification exam. ).  It is the only associate degree program in North Central Texas and one of only three in the state. Collin College Surgical Technology Program was established in 2008 to serve the needs of the health care community, Collin County and the surrounding area. |

**PART I: Might not change from year to year**

| A. Outcomes(s)  Results expected in this department/program | B. Measure(s)  The instrument or process used to measure results | C. Target(s) The level of success expected |
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| 1. Given an electronic record in the form of a patient chart the student identifies and checks to assure laboratory results are within normal limits, reviews physician orders, operative consent, allergies, and history and physical for appropriateness and completion.   Performance Report Subject area: 1.A. Pre-Operative Preparation  4. Utilize preoperative documentation(e.g. informed consent, laboratory results)  12. Participate in “Time Out” | Meet or exceed the national average (≥ 100%) in the related subject area (outcome)on National Board of Surgical Technology and Surgical Assisting Certified Surgical Technologist Certification Examination | Standard met. Average cohort total for Class of 2014 for this outcome was 111% of the national average based on NBSTSA School Performance report. |
| 1. Given a specific surgical procedure or specialty area the student will apply the principles of surgical pharmacology to operative practices. Report Subject area: III.C Surgical Pharmacology   Apply principles of surgical pharmacology to operative practice:   1. To anesthesia related agents and medication 2. To blood and fluid replacement | Meet or exceed the national average (≥ 100%) in the related subject area (outcome)on National Board of Surgical Technology and Surgical Assisting Certified Surgical Technologist Certification Examination | Standard met. Average cohort total for Class of 2014 for this outcome was 114% of the national average based on NBSTSA School Performance report. |
| 1. Demonstrate knowledge of human physiology as it relates to surgical procedures for cardiovascular, nervous, respiratory, digestive, peripheral vascular, reproductive, skeletal, and other systems 2. Report Subject Area 3 A 3. Use appropriate medical terminology and abbreviations 4. Demonstrate knowledge of anatomical system as they relate to the surgical procedure | Meet or exceed the national average (≥ 100%) in the related subject area (outcome)on National Board of Surgical Technology and Surgical Assisting Certified Surgical Technologist Certification Examination | Standard met. Average cohort total for Class of 2014 for this outcome was 119% of the national average based on NBSTSA School Performance report. |
| 1. Report Subject Area 2 A. Given an ethical dilemma scenario, the student demonstrates understanding of professional liability and ethics by applying ethical and legal practices related to surgical technology. 2. Utilize computer technology for continuing education | Meet or exceed the national average (≥ 100%) in the related subject area (outcome)on National Board of Surgical Technology and Surgical Assisting Certified Surgical Technologist Certification Examination | Standard met. Average cohort total for Class of 2014 for this outcome was 108% of the national average based on NBSTSA School Performance report. |
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**PART II: For academic year 2013-2014 (enter year i.e. 2011-12)**

**From Part I**

| A. Outcomes(s)  Results expected in this department/program | D. Action Plan Years 5 & 2  Based on analysis of previous assessment, create an action plan and include it here in the row of the outcomes(s) it addresses. | E. Implement Action Plan  Years 1 & 3  Implement the action plan and collect data | F. Data Results Summary  Years 2 & 4  Summarize the data collected | G. Findings  Years 2 & 4  What does data say about outcome? |
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| 1. Given an electronic record in the form of a patient chart the student identifies and checks to assure laboratory results are within normal limits, reviews physician orders, operative consent, allergies, and history and physical for appropriateness and completion. I A. Peri-operative | 2013-2014: Use a web based certification exam review as North Star Learning, To help students better prepare for certification examination. Provide instructors with feedback about weak areas to address in 1A, |  | Average cohort total for Class of 2014 for this outcome was 111% of the national average based on NBSTSA School Performance report. | Compared to the class of 2013, there was an improvement of 3% in the outcome measure for class of 2014. Continue to monitor and develop action plans if not meeting standards NBSTSA exam |
| 1. Given a specific surgical procedure or specialty area the student will apply the principles of surgical pharmacology to operative practices. Report Subject area: III.C Surgical Pharmacology | 2013-2014: Use a web based certification exam review as North Star Learning.  Review areas where students have rated “satisfactory”.  Implement a Flipped classroom where students engage with video-based learning material on a particular topic prior to classroom. Class times are used to do exams, problem-solving and discussion. |  | Average cohort total for Class of 2014 for this outcome was 114% of the national average based on NBSTSA School Performance report. | Compared to the class of 2013, the outcome measure for class of 2014 decreased by 3%.  **Action Plan:** Course review. Evaluate content and student learning outcomes as it is in the current syllabus and enhance any deficiencies with additional instruction and assessment |
| 1. Demonstrate knowledge of human physiology as it relates to surgical procedures for cardiovascular, nervous, respiratory, digestive, peripheral vascular, reproductive, skeletal, and other systems. IIIA. Anatomy & Physiology | 2013-2014  Use a web based certification exam review as North Star Learning.  Review areas where students have rated “satisfactory”.  Incorporating a Flipped classroom where students engage with video-based learning material on a particular topic prior to classroom. Class times are used to do exams, problem-solving and discussion. |  | Average cohort total for Class of 2014 for this outcome was 119% of the national average based on NBSTSA School Performance report. | Compared to the class of 2013, the outcome measure for class of 2014 increased by 5%. |
| 1. Given an ethical dilemma scenario, the student demonstrates understanding of professional liability and ethics by applying ethical and legal practices related to surgical technology. Utilize computer technology for continuing education. IIA. Administrative and Personnel | 2013-2014- |  | Average cohort total for Class of 2014 for this outcome was 108% of the national average based on NBSTSA School Performance report. | Compared to the class of 2013, the outcome measure for class of 2014 decreased by 3%.  **Action Plan:** Course review. Evaluate content and student learning outcomes as it is in the current syllabus and enhance any deficiencies with additional instruction and assessment |
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