

PROGRAM ASSESSMENT PLAN CHANGE FORM

Program Code: APST	Program Title: Surgical Technology	Effective Term: Fall 2024
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List the outcome(s) to be revised, and identify changes (add rows as needed):

Learning outcomes to be assessed	Assessment tool	When assessment will take place	Course/other populations	Number of students to be assessed
Outcome 1: Exhibit proficiencies required for an entry level surgical technologist position in the operating room or surgical setting. SUR 241	Preceptor evaluation tool	2025	SUR 241/All	All students that complete the assessment tool.
Outcome 2: Pass National Certification Exam for Surgical Technologist SUR 250	National Certification Exam	2025	SUR 250/All	All students that complete the assessment tool.

Scoring and analysis of assessment:

1. Indicate how the above assessment(s) will be scored and evaluated (e.g. departmentally-developed rubric, answer key, checklist, other). Please attach rubric if available.

Outcome 1 Clinical evaluations are rated with scoring rubrics. Scoring is rated 0-5 in each area

Outcome 2 will be evaluated by an external evaluation by AST for the National Certification Exam. The results are then sent to me by AST.

2. Indicate the standard of success to be used for this assessment:

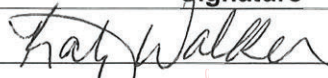
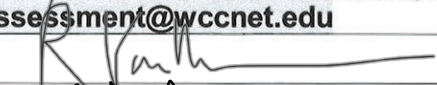

Outcome 1: 80% of students will score a 80% or higher for this outcome

Outcome 2: 80% of students will score a 102 or higher for this outcome out of the 150-question national certification exam.

3. Indicate who will score and analyze the data: The program director and departmental faculty

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Signatures:

Reviewer	Print Name	Signature	Date
Initiator	Kathryn Walker		10/17/2023
Department Chair	Kristina Sprague	Kristina Sprague <small>Digitally signed by Kristina Sprague Date: 2023.10.18 07:02:25 -04'00'</small>	
Division Dean/Administrator	Shari Lambert	Shari Lee Lambert, DNP, RN <small>Digitally signed by Shari Lee Lambert, DNP, RN Date: 2023.11.08 10:22:34 -05'00'</small>	
Please return completed form to the Office of Curriculum & Assessment, SC 257 or by e-mail to curriculum.assessment@wccnet.edu			
Curriculum Committee Chair	Randy Van Wagnen		2-14-24
Assessment Committee Chair	Jessica Hale		2/16/24
Do not write in shaded area. Entered in: <u>Banner</u> <u>C&A Database</u> <u>Log File</u>			

Reviewed by C&A Committees 1/18/24

PROGRAM PROPOSAL FORM

- Preliminary Approval** – Check here when using this form for preliminary approval of a program proposal, and respond to the items in general terms. Complete sections I, II, III, IV and V.
- Final Approval** – Check here when completing this form after the Vice President for Instruction has given preliminary approval for a program proposal. For final approval, complete information must be provided for each item.

<p><i>Section I</i> General Information</p> <p>Proposed Program Name:</p> <p>Division and Department:</p> <p>Type of Award:</p> <p>Request Financial Aid Eligibility:</p> <p>Effective Term/Year:</p> <p>Initiator:</p>	<p style="text-align: center;">Certified Surgical Technology Program</p> <hr/> <p style="text-align: center;">MSH/Allied Health</p> <hr/> <p> <input type="checkbox"/> AA <input type="checkbox"/> AS <input checked="" type="checkbox"/> AAS <input type="checkbox"/> Cert. <input type="checkbox"/> Adv. Cert. <input type="checkbox"/> Post-Assoc. Cert. <input type="checkbox"/> Cert. of Comp. </p> <p> <input type="checkbox"/> Certificate of 16 or more credit hours that will provide a basis for student employment.* Complete the attached Financial Aid Eligibility Request Form, </p> <p style="text-align: center;">Fall 2013</p> <hr/> <p style="text-align: center;">Theresa Dubiel RN, MSN, Debra Eastman RN, MSN</p>	<p>Program Code:</p> <p style="font-size: 1.2em; font-weight: bold;">APSRGT</p> <p>CIP Code:</p> <p style="font-size: 1.2em; font-weight: bold;">51.0909</p>
<p><i>Section II</i> Program Description for Catalog and Web site</p>	<p>Program Description</p> <p>A certified surgical technologist (ST) serves the patient’s interest primarily by providing assistance to the surgeon. The surgical technologist’s primary task during an operative procedure is to anticipate the intraoperative needs of the surgeon and surgical patient. Students in this program must be well grounded in the basic sciences, especially anatomy, microbiology, and pathophysiology. The surgical technologist contributes to global patient care by serving as a team member who monitors the surgical environment along with the other team members.</p>	
<p><i>Section III</i> Need</p> <p>Need for the program with evidence to support the stated need. Describe how the institution determined the need for the program.</p> <p>Projected enrollment figures over next 2-3 years .Will these be new students or students who will transfer from an existing program?</p>	<p>One year ago, WCC reached out to our local community asking to suggest educational programs. Several health care facilities requested that the Central Processing and Distribution (CPD) certificate and surgical technology (ST) programs be developed. Since then, three hospitals (Chelsea, SJMH and U of M) provided detailed information about the need for the program and employment opportunities. They have also volunteered to be part of a community advisory committee and will also provide clinical experiences for our students.</p> <p>Approximately 24 students will be enrolled in the fall semester. Because these prerequisites are required for the nursing program, many of these students may be WCC students who are on a wait list.</p>	

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logged 2/20/13 sjv

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<p><i>Section IV Program Features</i> Program's purpose and its goals.</p> <p>Connection to other WCC programs, as well as accrediting agencies or professional organizations.</p> <p>Special features of the program.</p>	<p>Purpose and goals: Students will develop the knowledge and entry-level skills necessary to practice as a surgical technologist.</p> <p>Accreditation: In order for students to become certified, our program must earn ARC/STSA accreditation. Students will then be eligible to sit for the National Board of Surgical Technology and Surgical Assisting Exam.</p> <p>Students who are on the waitlist for RN may complete this program as a stopgap measure and as a way to earn a living.</p>
<p><i>Section V</i></p> <p>Program Information</p>	<p>Describe how the program was reviewed or approved by, or developed in conjunction with, one or more of the following:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Business advisory committees <input type="checkbox"/> Program integrity boards <input type="checkbox"/> Public or private oversight or regulatory agencies (not including the state licensing /authorization agency and accrediting agency) <input checked="" type="checkbox"/> Businesses that would likely employ graduates of the program <p>Accreditation/Licensure - In order for students to become a certified surgical technologist they must successfully complete a CAAHEP accredited program by Accreditation Review Council on Education in Surgical Technology and Surgical Assisting (ARC/STSA). WCC has modeled our program on accreditation standards and values CAAHEP accreditation.</p> <p>Advisors – Sue Travis, Professional Counselor, Math, Science & Health</p> <p>Advisory Committee – The Committee will be comprised of the program director, faculty members, counselor, local health care agency representatives and recent ST graduates (once the first class has graduated).</p> <p>Admission requirements – Admission Requirements: See Attached</p> <ul style="list-style-type: none"> • BIO 111 – Anatomy & Physiology; minimum grade B- {2.7} or better • HSC 101 – Healthcare Terminology; minimum grade B- {2.7} or better • Academic math level 3 • Criminal Background Check • Students with earned credit must have a cumulative GPA of 2.7 or better to be eligible for this program <p>Articulation agreements – None at this time</p> <p>Continuing eligibility requirements <i>SEE Attached</i></p> <ul style="list-style-type: none"> • Program courses are sequential and complemented with appropriate support courses. All courses must be completed with a grade of "C" or better for academic support courses. • Minimum "C+" or better for all SUR courses • Students may be required to have additional criminal background checks and/or fingerprinting prior to the start of a clinical sequence as requested by specific clinical facilities. Failure to receive an acceptable criminal background/fingerprinting check at any time, will result in dismissal from the program. • Completed health history form (physical examination) • Negative TB skin test • Current Health Insurance • Current BLS/CPR certification

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Section VI.

Curriculum: List the courses in the program as they should appear in the catalog. List minimum credits required. Include any notes that should appear below the course list.

General Education Requirements and Program Courses:

Certificate or Advance Certificate Proposals skip to Other Program Courses section

Associate Degree Program: Please identify the requirement in each general education area:

Writing	<input checked="" type="checkbox"/> Any approved writing course _____ _____ Specific course(s) required: _____ . Rationale is required: _____
Speech	<input checked="" type="checkbox"/> Any approved speech course _____ _____ Specific course(s) required: _____ . Rationale is required: _____
Mathematics	<input type="checkbox"/> Any approved math course _____ <input type="checkbox"/> Math level _____ course or higher
	<input checked="" type="checkbox"/> Specific math course required: <u>Math 167</u> _____ . Rationale is required including requirements for a student who has passed a higher level course: An understanding of safe medication administration as well as basic surgical pharmacology is required of a certified surgical technologist. This course is a program requirement that can also be met through general education.
Notes	
Natural Science	<input type="checkbox"/> Any approved natural science course(s) _____ <input checked="" type="checkbox"/> Specific course(s) required: <u>BIO 111</u> _____ . Rationale is required: Student in this program must be well-grounded in the basic sciences, especially anatomy and physiology. These courses prepare the surgical tech student for applying pathophysiology principles in the classroom and clinical environment. This course is a program requirement that can also be met through general education.
	Notes
Arts and Humanities	<input type="checkbox"/> Any approved Arts and Humanities course(s) _____ <input checked="" type="checkbox"/> Specific course(s) required: <u>PHL 244</u> . Rationale is required. An awareness of the law, documentation guidelines and professional ethics is expected of healthcare providers. The ability to critically think and adapt a keen surgical conscience is required of surgical technologist who will work with vulnerable patients, their families and a health care perioperative team. These concepts are included in the medical ethics course. This course is a program requirement that can also be met through general education.
	Notes
Social and Behavioral Science	<input checked="" type="checkbox"/> Any approved Social and Behavioral Science course(s) _____ <input type="checkbox"/> Specific course(s) required: _____ Rationale is required: _____
	Notes
Computer and Information Literacy	<input checked="" type="checkbox"/> Any approved Computer & Information Literacy course _____ <input type="checkbox"/> Specific course(s) required: _____ Rationale is required: _____
	Notes
MACRAO	<input type="checkbox"/> Recommend that transfer students follow MACRAO

Credit Hours: 21 - 24

AA and AS require 30 – 33 credits; AAS requires 21-24 credit hours

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OTHER PROGRAM COURSES – COMPLETE ONLY SECTIONS THAT APPLY

Support courses:

		Credit Hours
HSC 101	Medical Terminology __x_ Course prerequisites included in program.	1
BIO 147	Microbiology __x_ Course prerequisites included in program.	1
Total Credit Hours for Section:		2

Major Area Courses:

		Credit Hours
SUR 110	Introduction to Surgical Technology/Surgical Patient __ Course prerequisites included in program.	3
SUR 130	Surgical Asepsis/Surgical Instruments __ Course prerequisites included in program.	3
SUR 170	Surgical Pharmacology __ Course prerequisites included in program.	2
SUR 180	Surgical Procedures 1 __x_ Course prerequisites included in program.	3
SUR 181	Surgical Procedures 1 Clinical __x_ Course prerequisites included in program.	2
SUR 210	Surgical Procedures 2 __x_ Course prerequisites included in program.	3
SUR 211	Surgical Procedures 2 Clinical — add hrs to SWAERSE __x_ Course prerequisites included in program.	2
SUR 230	Surgical Procedures 3 __x_ Course prerequisites included in program.	3
SUR 231	Surgical Procedures 3 Clinical — add hrs to SWAERSE __x_ Course prerequisites included in program.	2
SUR 250	Surgical Technology Seminar __x_ Course prerequisites included in program.	3
SUR 270	Safety, Hazards and Biomedical Science __x_ Course prerequisites included in program.	2
Total Credit Hours for Section:		28

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Other:

		Credit Hours
Electives	Electives to reach a minimum of 60 credit hours	9
	____ Course prerequisites included in program.	
Total Credit Hours for Section:		9

Total Program Credit Hours 60

Section VII Budget		START-UP COSTS	ONGOING COSTS
Specify program costs in the following areas, per academic year:	Faculty Program Dir./Clinical Coordinator	\$ 60,000.00	\$ 63,000.00
	Training/Travel Program Dir. Surg. Tech Workshop Travel	100.00 1200.00	
	Materials/Resources	15,000.00	10,000.
	Facilities/Equipment	60,000.00	35,000.
	Other	.	.
	Accreditation Application Packet Initial Accreditation App Initial On-site Visit Annual Accreditation Fee CAAHEP Annual Fee	300.00 1500.00 2500.00 +	1500.00 450.00
	TOTALS:	\$140,600.00	\$109,950.00

Section VIII Assessment plan:

Semester and Year Program will be Assessed: Winter 2016				
1	Program outcome to be assessed	Assessment tool	Populations	Number to be assessed
	Recognize surgical technology principles.	Written tests	All	All
	How will the assessment be scored?	Standard of Success for this assessment tool	Who will score and analyze data?	
	Answer Key	75% of the students will score 75% or higher	Program director and departmental faculty	
2	Program outcome to be assessed	Assessment tool	Populations	Number to be assessed
	Demonstrate surgical technology skills.	Skill checklist	All	All
	How will the assessment be scored?	Standard of Success for this assessment tool	Who will score and analyze data?	
	Departmentally-developed rubric	75% of the students will correctly perform 90% of the skills	Program director and departmental faculty	

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3	Program outcome to be assessed	Assessment tool	Populations	Number to be assessed
	Pass the national certification exam	National AST Exam	All	All
	How will the assessment be scored?	Standard of Success for this assessment tool	Who will score and analyze data?	
	Externally scored exam	75% of the students will earn a "passing score" on the exam	Program director and departmental faculty	

Section IX. Recommended Course Sequences

Complete recommended course sequence for **full-time students**. Full-time students need a minimum of 12 credits per semester.

Major/Area Requirements for Admission

Course #	Course Title	Credit Hours
HSC 101	Health Care Terminology	1
BIO 111	Anatomy and Physiology – Normal Structure and Function	5
Total Semester Credits		6

Semester 1 Fall ___ Winter ___ Spring/Summer ___ Any

Course #	Course Title	Credit Hours
MTH 167	Math Applications for Health Science	3
Writing	General Education Writing Elective	3
Speech	General Education Speech Elective	3
Elective	Elective credit to reach 60 hours	3
BIO 147	Hospital Microbiology	1
Total Semester Credits		13

Semester 2 ___ Fall Winter ___ Spring/Summer ___ Any

Course #	Course Title	Credit Hours
SUR 110	Introduction to Surgical Technology/Surgical Patient	3
SUR 130	Surgical Asepsis/Surgical Instruments	3
SUR 170	Surgical Pharmacology	2
Elective	Elective credit to reach 60 hours	3
Computer Lit	General Education Requirement (CIS xxx)	3
Total Semester Credits		14

Semester 3 Fall 2014 ___ Winter ___ Spring/Summer ___ Any

Course #	Course Title	Credit Hours
SUR 180	Surgical Procedures 1	3
SUR 181	Surgical Procedures 1 Clinical	2
SUR 210	Surgical Procedures 2	3
SUR 211	Surgical Procedures 2 Clinical	2
Social Science	General Education Requirement (PSY xxx)	3
Elective	Elective credit to reach 60 hours	1-3

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	Total Semester Credits	14-16
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Semester 4 ___ Fall ___ Winter ___ Spring/Summer ___ Any

Course #	Course Title	Credit Hours
SUR 230	Surgical Procedures 3	3
SUR 231	Surgical Procedures 3 Clinical	2
SUR 250	Surgical Technology Seminar	3
SUR 270	Safety, Hazards and Biomedical Science	2
PHL 244	Medical Ethics	3
Total Semester Credits		13

Total Program Credit Hours	60-62
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REVIEWER	PRINT NAME	SIGNATURE	DATE
Faculty Preparers	Theresa Dubiel MSN Debra Eastman MSN	<i>Theresa Dubiel</i> <i>Debra Eastman MSN</i>	3/11/2013 3/11/2013
Department Chair/Area Director	Connie Foster, MA	<i>Connie Foster</i>	3/12/13
Dean	Martha Showalter, M.Ed.	<i>Martha Showalter</i>	3/12/13
Vice President for Instruction <input type="checkbox"/> Approved for Development <input checked="" type="checkbox"/> Final Approval	William Abernethy	<i>William Abernethy</i>	3/28/13
President	Rose Bellanca, Ed.D.	<i>RB Bellanca</i>	4/9/13
Board Approval			3/26/13