Advisory Committee Fall 2019 Semi-Annual Meeting
Surgical Technology Program

Vernon College – October 16, 2019, Century City Room 115, 4:00pm

Welcome and Introductions ....Jeff Feix

> Jeff Feix welcomed and thanked the advisory members for their willingness to serve. They introduced themselves and stated their positions and the agency they represented. Note: Each committee member was given a packet which included all documents that would be reviewed and discussed.

Purpose of Advisory Committee ....Shana Drury

> Shana Drury explained the purpose and importance of an advisory committee. Their input ensures that the college is maintaining the most current practices and direction in the surgical technology field.

Election of Chair, Vice Chair, and Recorder ....Jeff Feix

> Jeff asked for volunteers or nominations for the positions of Vice-Chair and Recorder. Shane nominated Dr. Grisel for Vice-Chair and volunteered to be Recorder. **Members present agreed by acclimation to the election of Dr. Grisel for Vice-Chair and Shane Smith for Recorder.**

Old Business/Continuing Business...Chair

- Program Effectiveness Plan (PEP)

Amanda asked Jeff to update the committee on the PEP document. Jeff reminded the committee this document contains all the required ARC/STSA resources, program related data review and action plans for all areas listed that must be reviewed and documented annually. Jeff will update the document annually for the committee to review, revise, and approve as necessary. The PEP does not have any new action plans for the 2019/2020 year. There were no recommendations from the committee for revisions and **Dr. Grisel made the motion to approve the PEP as presented and Shane Smith seconded. Motion passed.**

New Business ....Chair

- Programmatic Accreditation Outcomes Review

Retention—ARC/STSA Threshold for Retention: 60%

Program Year	Students Admitted	Graduates Completing	Retention Rate
2014/2015	15	14	93%
2015/2016	8	6	75%
2016/2017	14	13	93%
2017/2018	15	14	93%
2018/2019	**15**	**12**	**80%**

- 2018/19 Class had two (2) students fail Microbiology and one (1) student injured in a car accident who could not scrub for six weeks.

CST Exam Results

ARC/STSA threshold for the CST exam: **100% Participation—70% Pass Rate**

Year	Tested	Passed	Pass Rate
2015	14/14	14	100%
2016	6/6	5	83%
2017	13/13	10	77%
2018	14/14	13	93%
2019	**12/12**	**11**	**92%**

Content Area Tested	14/15	15/16	16/17	17/18	18/19
I. Pre-Operative Preparation	79	74	75	81	86% (75)
II. Intra-Operative Preparation	78	73	71	75	74% (72)
III. Post-Operative Preparation	94	98	87	87	82% (77)
IV. Administrative & Personnel	76	83	79	76	79% (68)
V. Equipment, Sterilization, & Maint.	77	72	68	74	73% (70)
VI. Anatomy and Physiology	76	83	77	72	80% (74)
VII. Microbiology	75	87	80	86	81% (76)
VIII. Pharmacology	76	68	66	76	86% (74)

Graduate Placement Outcomes:

ARC/STSA threshold **80% employed at least once within one year of graduation**

Academic Year	2013/2014	2014/2015	2015/2016	2016/2017	**2017/2018**
Placement Rate	89%	93%	83%	100%	93%

Amanda asked Jeff to discuss the outcomes being reviewed. Jeff explained the outcomes are also listed on the PEP. **The ARC/STSA outcomes being reviewed were Retention, CST Examination Participation/Pass Rates, and Graduation Placement.** Dr. Grisel

asked Jeff to explain the accreditation review process with ARC/STSA and CAAHEP. He explained the Accreditation Review Council on Surgical Technology and Surgical Assisting oversee the programs and annual reporting data. That data is then sent to CAAHEP.

Retention Outcome: 2018/2019 Retention Rate 80% with 12 of 15 completing. ARC/STSA threshold is 60%. Jeff noted two students did not continue in the program due to not passing Microbiology. Both passed the course in Spring 2019 and reapplied to program and were accepted into the current class. The third student was in a car accident resulting in a broken hand and was unable to continue in the program. No revisions for retention policy or processes was recommended.

CST Examination Participation/Pass Rates Outcome: 2018/19 Participation Rate 100% and Pass Rate 92%. ARC/STSA threshold is 100% Participation and 70% Pass Rate. Jeff noted one student didn't pass and he has been in contact with her and is assisting her in preparation to retest. The CST exam's eight Content Areas were reviewed with all areas above 70%. Jeff noted the national average for the content areas with Vernon College above the national average in all content areas. He also explained the CST exam was revised in 2019 with a new exam utilized having 150 questions instead of 175. The content was realigned to reflect the current job analysis conducted for Surgical Technologist. The exam was revised again in August 2019 the week before the 2019 graduates sat for the exam with a passing score of 102 questions instead of 109. Jeff noted the program has been trending higher with the pass rate and will continue the current CST exam preparation processes. The members did not recommend any revisions to the CST exam preparation process.

Graduate Placement Rate: 2017/18 Graduate Placement Rate 93%. ARC/STSA threshold is 80% placement within one year of graduation. Jeff noted all graduates in the year being reviewed were placed with 30 days of graduation with the exception of one graduate who chose to work in a different field.
Amanda asked the committee if they had any questions about the outcomes presented. There were no questions, Shane Smith made the motion to continue the review and assessment process for the ARC/STSA program outcomes as presented. Alvita Foster seconded the motion. Motion passed.

❖ **Review program outcomes, assessment methods/results, and workplace competency**

CHAIR: "Please review the program outcomes listed below. This is the time for you to make recommendations. The program outcomes reflect "big picture". They are generalized but need to reflect the program knowledge, skills, and abilities. The detailed student learning outcomes are in each course which lead back to the Program Outcomes. Will the program coordinator briefly review the program outcomes with the committee?

1) Identify basic surgical instrumentation and demonstrate an understanding of the decontamination/sterilization processes. (I, V)
2) Integrate principles of surgical asepsis in perioperative routines and exhibit a strong surgical conscience. (I, II)

3) Demonstrate a safe and professional level of practice and knowledge in the perioperative routines assumed by the entry level Surgical Technologist to include; patient transportation, positioning, and emergency procedures. (I, II, III)
4) Apply knowledge and skills of a professional Surgical Technologist to address the biopsychosocial needs of the surgical patient. (I)
5) Apply an understanding of the ethical, legal, moral, and medical values related to the patient and the surgical team delivering perioperative care. (IV)
6) Communicate effectively with patients and the health care team based upon respect for the dignity, cultural diversity, and worth of each person. (IV, VI)
7) Integrate a comprehensive understanding of anatomy, physiology, medical terminology, pharmacology, and pathophysiology to the role of the entry-level Surgical Technologist. (VI, VII, VIII)
8) Correlate the elements, actions, and use of medications and anesthetic agents utilized during perioperative patient care. (VIII)
9) Perform proficiently and competently as an entry-level Surgical Technologist in the cognitive, psychomotor, and affective learning domains.
10) Demonstrate professional attributes of an entry-level Surgical Technologist consistent with the profession and employer expectations.

❖ **Approve program outcomes**

Amanda moved to program outcomes and asked members to review the program outcomes. Jeff said the current program outcomes are mapped to the content area on the CST exam. He also noted the program outcomes are in alignment with CAAHEP Standards and Guidelines. Amanda asked members if they had any questions and there were no questions. **Peyton Reinke made the motion to approve the program outcomes as presented. Dr. Grisel seconded the motion. Motion passed.**

❖ **Approve assessment methods and results**

Chair: The assessment methods and results should address how the instructor is making sure students are achieving the program outcomes. Would the program coordinator like to explain in more detail the assessment methods and results?

- Each course taught in the program assessed with a written assignment and test for each chapter with a cumulative final exam.
- Lab Skills require a return demonstration mastering the specific skill(s) increasing skills to first scrubbing mock surgeries. Each skill and mock surgery has a skill rubric with a minimum score of 75% required to pass.
- Minimum clinical case requirements established by ARC/STSA followed as one assessment method for clinical courses to demonstrate meeting program outcomes.
  - o Student Self-Evaluations and Instructor Evaluations.
  - o Written and verbal preceptor evaluations for daily and/or weekly.
  - o Student project in final semester.
- Practice CST examination administered first week of final semester.

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- Weekly CST exam reviews during final semester.
- Second Practice CST examination administered two weeks before CST exam date.
- CST examination content scores and overall pass rate.
- Employer and Graduate Surveys administered after graduation.

Jeff stated the program uses reading and writing assignments, testing with a cumulative final exam for each course. He also reminded the committee of the CST exam preparation he explained earlier. Amanda asked the committee if they had any questions, there were none. **Dr. Grisel made the motion to approve the assessment methods and results as presented. Peyton Reinke seconded the motion. Motion passed.**

❖ <u>**Approval of workplace competency—CST Examination**</u>

Chair: The workplace competencies map back to the program outcomes and how the students are able to demonstrate all program outcomes. Will the program coordinator please tell us about the competency and how the students have performed on the competency?

Program Outcome	Number of students who took CST exam	Results per student	Use of results
Identify basic surgical instrumentation and demonstrate an understanding of the decontamination/sterilization processes.	12	**Pre-Op Prep** 1—student 100% 3—students 94% 3—student 89% 2—students 83% 2—student 72% 1—students 67% **Equipment, Sterilization, and Maintenance** 1—student 94% 2—students 82% 5—students 76% 1—students 71% 2—students 58% 1—student 47%	Continue current review for this outcome. Individual tutoring as needed.
Integrate principles of surgical asepsis in perioperative routines and exhibit a strong surgical conscience.	12	**Pre-Op Prep** 1—student 100% 3—students 94% 3—student 89% 2—students 83% 2—students 72% 1—student 67% **Intraoperative Prep** 1—student 90% 2—students 87% 1—student 85% 1—student 82%	Continue current review for this outcome. Individual tutoring as needed.

		1—student 77% 1—student 74% 1—student 72% 1—student 70% 1—student 66% 1—student 61% 1—student 37%	
Demonstrate a safe and professional level of practice and knowledge in the perioperative routines assumed by the entry level Surgical Technologist to include; patient transportation, positioning, and emergency procedures.	12	**Pre-Op Prep** 1—student 100% 3—students 94% 3—student 89% 2—students 83% 2—students 72% 1—student 67% **Intraoperative Prep** 1—student 90% 2—students 87% 1—student 85% 1—student 82% 1—student 77% 1—student 74% 1—student 72% 1—student 70% 1—student 66% 1—student 61% 1—student 37% **Post-Op Prep** 4—students 92% 3—students 83% 4—students 75% 1—student 67%	Continue current review for this outcome
Apply knowledge and skills of a professional Surgical Technologist to address the biopsychosocial needs of the surgical patient.	12	**Pre-Op Prep** 1—student 100% 3—students 94% 3—student 89% 2—students 83% 2—students 72% 1—student 67%	Continue current review for this outcome
Apply an understanding of the ethical, legal, moral, and medical values related to the patient and the surgical team delivering perioperative care.	12	**Administrative and Personnel** 2—students 100% 3—students 89% 3—students 78% 2—students 67% 2—student 56%	Continue current review for this outcome. Individual tutoring as needed.

Integrate a comprehensive understanding of anatomy, physiology, medical terminology, pharmacology, and pathophysiology to the role of the entry-level Surgical Technologist.	12	**Anatomy and Physiology** 1—student 100% 2—students 95% 1—student 90% 2—students 85% 2—students 80% 2—students 75% 1—student 70% 1—student 35% **Microbiology** 3—students 100% 5—students 83% 3—students 66% 1—student 50% **Pharmacology** 4—students 100% 5—students 86% 2—students 70% 1—student 50%	Continue current review for this outcome
Correlate the elements, actions, and use of medications and anesthetic agents utilized during perioperative patient care.	12	**Pharmacology** 4—students 100% 5—students 86% 2—students 70% 1—student 50%	Continue current review for this outcome
Perform proficiently and competently as an entry-level Surgical Technologist in the cognitive, psychomotor, and affective learning domains	12	12 students passed SRGT 2660 Clinical during the summer semester. 11 students passed the CST exam	Continue current process for this outcome
Demonstrate professional attributes of an entry-level Surgical Technologist consistent with the profession and employer expectations.	12	12 students passed SRGT 2660 Clinical during the summer semester. 11 students passed the CST exam	Continue current process for this outcome

Jeff noted the table included in the documentation for this meeting. The table illustrates the content area score on the CST exam for each student. He stated that in addition to reviewing this data in the ARC/STSA program outcomes section of the agenda, the college requires the PAC to review the content area in more detail as it relates to program outcomes. The table listed use of the results for improvement in student scores. Amanda asked members present if

there were any questions, there were none. **Shane Smith made the motion to approve the workplace competency as presented. Alvita Foster seconded the motion. Motion passed.**

❖ **Review program curriculum/courses/degree plans**

> **CHAIR:** "We will now have the program coordinator discuss with the committee the program's curriculum and degree plans."

Surgical Technology, A.A.S.

CIP 51.0909

Instructional Location - Century City Center
ASSOCIATE IN APPLIED SCIENCE DEGREE (Probable Completion Time - 2 years)

General Education Requirements (15 SH)

ENGL 1301	Composition I	3
GOVT 2305	Federal Government (Federal Constitution and Topics)	3
	or	
PSYC 2301	General Psychology	3
MATH 1314	College Algebra	3
	or	
MATH 1332	Contemporary Mathematics	3
SPCH 1315	Public Speaking	3
SFF>	Language, Philosophy, and Culture or Creative Arts Elective	3

Prerequisite Requirements (11 SH)

BIOL 2401	Anatomy & Physiology I	4
BIOL 2402	Anatomy & Physiology II	4
COSC 1301	Introduction to Computing	3
	or	
ITSC 1301	Introduction to Computers (A)	3
	or	
BCIS 1305	Business Computer Applications	3

Major Requirements (34 SH)

Fall Semester

Fall—16-Weeks

BIOL 2420	Microbiology for Non-Science Majors	4

Fall I—8-Weeks

HPRS 1206	Essentials of Medical Terminology (SRGT) (A)	2
SRGT 1405	Introduction to Surgical Technology	4

Fall II—8-Weeks

SRGT 1160	Clinical - Surgical Technology/Technologist	1
SRGT 1409	Fundamentals of Perioperative Concepts and Techniques	4

Spring Semester

Spring—16-Weeks

SRGT 1560	Clinical - Surgical Technology/Technologist	5

Spring I—8-Weeks

SRGT 1441	Surgical Procedures I	4

Spring II—8-Weeks

SRGT 1442	Surgical Procedures II	4

Summer Semester

SRGT 2660	Clinical - Surgical Technology/Technologist	6
	Total Credit Hours:	**60**

> To be selected from the following: **ARTS 1301**, **DRAM 1310**, **DRAM 2366**, **ENGL 2322**, **ENGL 2323**, **ENGL 2327**, **ENGL 2328**, **ENGL 2332**, **ENGL 2333**, **HIST 2311**, **HIST 2312**, **MUSI 1306**
(A) Course included on the State's Advanced Technical Credit list. (See **Advanced Technical Credit**.)
This program is nationally accredited by the Commission on Accreditation of Allied Health Education Programs (CAAHEP). 25400 U.S. Highway 19 North, Suite 158, Clearwater, FL 33763 Phone: 727-210-2350 Fax: 727-210-2354. **www.caahep.org**

Verification of Workplace Competencies:

Credentialing Examination CST Examination

HPRS 1206 - Essentials of Medical Terminology A study of medical terminology, word origin, structure, and application.

Define, pronounce, and spell medical terms with the use of medical references as resource tools; utilize terms in context; analyze medical terms; examine word origin and structure through the introduction of prefixes, suffixes, root words, plurals, abbreviations and symbols.

SRGT 1405 - Orientation to surgical technology theory, surgical pharmacology and anesthesia, technological sciences, and patient care concepts.

Explain the physical, interpersonal, and ethical aspects of the operating room environment; relate basic concepts of surgical pharmacology and anesthesia; identify basic concepts of technological sciences; and demonstrate patient care concepts.

SRGT 1160 – Clinical-Surgical Technology/Technologist Students may be required to travel to fulfill course requirements. A health-related work-based learning experience that enables the student to apply specialized occupational theory, skills, and concepts. Direct supervision is provided by the clinical professional. Clinical education is an unpaid learning experience.

SRGT 1409 – Fundamentals of Perioperative Concepts and Techniques In-depth coverage of perioperative concepts such as aseptic principles and practices, infectious processes, wound healing, and creation and maintenance of the sterile field.

Demonstrate principles and practices of aseptic techniques; explain infectious processes and concepts of wound healing; and create and maintain a sterile field utilizing basic case preparation and procedures.

SRGT 1560 – Clinical-Surgical Technology/Technologist A health-related work-based learning experience that enables the student to apply specialized occupational theory, skills, and concepts. Direct supervision is provided by the clinical professional. Clinical education is an unpaid learning experience.

SRGT 1441 – Surgical Procedures I Introduction to surgical pathology and its relationship to surgical procedures. Emphasis on surgical procedures related to the general, OB/GYN, genitourinary, otorhinolaryngology, and orthopedic surgical specialties incorporating instruments, equipment, and supplies required for safe patient care.

Relate the specific anatomy and pathology to indications for selected surgical procedures; summarize patient preparation for selected surgical procedures; select instruments, equipment, and supplies and reconstruct the sequence for related surgical procedures; and identify expected outcomes and possible complications for surgical procedures.

SRGT 1442 – Surgical Procedures II Introduction to surgical pathology and its relationship to surgical procedures. Emphasis on surgical procedures related to the cardiothoracic,

peripheral vascular, plastic/reconstructive , ophthalmology, oral/maxillofacial, and neurological surgical specialties incorporating instruments, equipment, and supplies required for safe patient care.

Amanda asked the members to review the program curriculum, courses, and degree plan. She asked Jeff to explain the documents being reviewed. The Associate of Applied Science in Surgical Technology degree was reviewed. Jeff said the current curriculum and courses were in compliance with the 6th Edition of the Core Curriculum for Education in Surgical Technology. All core curriculum required learner outcomes are mapped to the individual course syllabi. Each course in the program had a brief explanation of the course syllabi. Jeff reminded the members the Certificate of Completion track was being eliminated as the AAS degree must be the minimum degree awarded based on CAAHEP accreditation standards and guidelines. The mandate goes into effect August 2021. The members were asked if they had any questions and no questions were asked and no revisions suggested. **Dr. Grisel made the motion to approve the curriculum, courses, and degree plan as presented. Emma Duhan seconded the motion. Motion passed.**

❖ <u>**Approve program revisions (if applicable)**</u>

- None Recommended

❖ <u>**Review Secretary's Commission on Achieving Necessary Skills (SCANS), General Education, and Program Outcomes Matrices**</u>

<u>CHAIR</u>: **"We will now review four matrices. Would the program coordinator please discuss the matrices with the committee?"**

Program Coordinator: "The program has to work under three umbrellas: 1. Local or Vernon College Rules and Regulations, 2. State or THECB-Texas Higher Education Coordinating Board Rules and Regulations, and 3. Federal Rules and Regulations. To ensure the Program is following all rules and regulations, we use matrices to map the requirements back to the courses."

- **SCANS Matrix: The SCANS (Secretary's Commission on Achieving Necessary Skills) Matrix represents the 8 Federal requirements that must be taught. The matrix shows how we are mapping them back to each of the courses in the program.**

Program: Surgical Technology		Credential: Associate in Applied Science Degree
Award: Surgical Technology Associate in Applied Science Degree		
Cip: 15.0909		
IDENTIFIED COMPETENCIES		LIST OF ALL COURSES REQUIRED AND
SCANS COMPETENCIES	Course Number	Course Title

1	2	3	4	5	6	7	8		
X	X		X	X	X	X		ENGL 1301	Composition I
X	X		X	X	X	X		GOVT 2305 or	Federal Government (Federal Constitution and Topics)
X	X		X	X	X	X		PSYC 2301	General Psychology
X		X		X	X	X		MATH 1314 or MATH 1332	College Algebra/Contemporary Mathematics I
X			X	X	X	X		SPCH 1315	Public Speaking
X	X		X	X	X	X		SFF>	Language, Philosophy, and Culture or Creative Arts Elective
X	X			X	X	X		BIOL 2401	Anatomy & Physiology I
X	X			X	X	X		BIOL 2402	Anatomy & Physiology II
X	X			X	X		X	COSC 1301 or ITSC 1301 or BCIS 1305	Introduction to Computing/Introduction to Computers/Business Computer Applications
X	X			X	X	X		BIOL 2420*	Microbiology for Non-Science Majors
X	X		X	X	X	X	X	HPRS 1206*	Essentials of Medical Terminology
X	X	X	X	X	X	X	X	SRGT 1405*	Introduction to Surgical Technology
X	X	X	X	X	X	X	X	SRGT 1160*	Clinical - Surgical Technology/Technologist
X	X	X	X	X	X	X	X	SRGT 1409*	Fundamentals of Perioperative Concepts and Techniques
X	X	X	X	X	X	X	X	SRGT 1560*	Clinical -Surgical Technology/Technologist
X	X	X	X	X	X	X	X	SRGT 1441*	Surgical Procedures I
X	X	X	X	X	X	X	X	SRGT 1442*	Surgical Procedures II
X	X	X	X	X	X	X	X	SRGT 2660*	Clinical -Surgical Technology/Technologist

PROGRAM COMPETENCIES (as determined by advisory committee)

8. BASIC USE OF COMPUTERS

7. WORKPLACE COMPETENCIES

6. PERSONAL QUALITIES

5. THINKING SKILLS

4. SPEAKING AND LISTENING

3. ARITHMETIC OR MATHEMATICS

2. WRITING

1. READING

- **General Education Matrix:** The General Education Matrix is state mandated. You will see the 6 requirements that the college is tasked with teaching and how they map back to the courses.

Program: Surgical Technology	

Award: Surgical Technology AAS							Credential: Associate in Applied Science (AAS) Degree
Cip: 15.0909							
IDENTIFIED CORE OBJECTIVES							**LIST OF ALL COURSES REQUIRED AND**
GENERAL EDUCATION CORE OBJECTIVES						**Course Number**	**Course Title**
1	2	3	4	5	6		
X	X	X	X	X	X	ENGL 1301	Composition I
X	X	X	X	X	X	GOVT 2305 or	Federal Government (Federal Constitution and Topics)
X	X	X	X	X	X	PSYC 2301	General Psychology
X	X	X	X	X	X	MATH 1314 or MATH 1332	College Algebra/Contemporary Mathematics I
X	X	X	X	X	X	SPCH 1315	Public Speaking
X	X	X	X	X	X	SFF>	Language, Philosophy, and Culture or Creative Arts Elective
X	X	X	X	X	X	BIOL 2401	Anatomy & Physiology I
X	X	X	X	X	X	BIOL 2402	Anatomy & Physiology II
X	X	X	X	X	X	COSC 1301 or ITSC 1301 or BCIS 1305	Introduction to Computing/Introduction to Computers/Business Computer Applications
X	X	X	X	X	X	BIOL 2420*	Microbiology for Non-Science Majors
X	X	X				HPRS 1206*	Essentials of Medical Terminology
X	X	X	X	X	X	SRGT 1405*	Introduction to Surgical Technology
X	X	X	X	X	X	SRGT 1160*	Clinical - Surgical Technology/Technologist
X	X	X	X	X	X	SRGT 1409*	Fundamentals of Perioperative Concepts and Techniques
X	X	X	X	X	X	SRGT 1560*	Clinical -Surgical Technology/Technologist
X	X	X	X	X	X	SRGT 1441*	Surgical Procedures I
X	X	X	X	X	X	SRGT 1442*	Surgical Procedures II
X	X	X	X	X	X	SRGT 2660*	Clinical -Surgical Technology/Technologist

					6. Personal Responsibility
				5. Social Responsibility	
			4. Teamwork		
		3. Empirical and Quantitative Skills			
	2. Communication Skills				
1. Critical Thinking Skills					

- **Program Outcomes Matrix: The Outcomes Matrix represents the Vernon College mandated requirements. They are the Program outcomes just approved and how they map back to the courses.**

Program: Surgical Technology											Credential: Associate in Applied Science (AAS) Degree	
Award: Surgical Technology AAS												
Cip: 15.0909												
OUTCOMES										Course Number	Course Title	
1	2	3	4	5	6	7	8	9	10			
								X	X	ENGL 1301	Composition I	
								X	X	GOVT 2305 or	Federal Government (Federal Constitution and Topics)	
								X	X	PSYC 2301	General Psychology	
								X	X	MATH 1314 or 1332	College Algebra/Contemporary Mathematics I	
								X	X	SPCH 1315	Public Speaking	
								X	X	SFF>	Langualge, Philosophy, and Culture or Creative Arts Elective	
			X			X		X	X	BIOL 2401	Anatomy & Physiology I	
			X			X		X	X	BIOL 2402	Anatomy & Physiology II	
								X	X	COSC 1301 or ITSC 1301 or BCIS 1305	Introduction to Computing/Introduction to Computers/Business Computer Applications	
						X		X	X	BIOL 2420*	Microbiology for Non-Science Majors	
				X		X				HPRS 1206*	Essentials of Medical Terminology	
X	X	X	X	X	X	X	X			SRGT 1405*	Introduction to Surgical Technology	
X	X	X	X	X	X	X	X			SRGT 1160*	Clinical - Surgical Technology/Technologist	
X	X	X	X	X		X	X			SRGT 1409*	Fundamentals of Perioperative Concepts and Techniques	
X	X	X	X	X	X	X	X	X		SRGT 1560*	Clinical -Surgical Technology/Technologist	
X			X	X		X	X			SRGT 1441*	Surgical Procedures I	
X			X	X		X	X			SRGT 1442*	Surgical Procedures II	
X	X	X	X	X	X	X	X	X	X	SRGT 2660*	Clinical -Surgical Technology/Technologist	

10) Demonstrate professional attributes of an entry-level Surgical Technologist consistent with the profession and employer expectations.

9) Perform proficiently and competently as an entry-level Surgical Technologist in the cognitive, psychomotor, and affective learning domains.

8) Correlate the elements, actions, and use of medications and anesthetic agents utilized during perioperative patient care.

7) Integrate a comprehensive understanding of anatomy, physiology, medical terminology, pharmacology, and pathophysiology to the role of the entry-level Surgical Technologist.

				6) Communicate effectively with patients and the health care team based upon respect for the dignity, cultural diversity, and worth of each person.
			5) Apply an understanding of the ethical, legal, moral, and medical values related to the patient and the surgical team delivering perioperative care.	
		4) Apply knowledge and skills of a professional Surgical Technologist to address the biopsychosocial needs of the surgical patient.		
	3) Demonstrate a safe and professional level of practice and knowledge in the perioperative routines assumed by the entry level Surgical Technologist to include; patient transportation, positioning, and emergency procedures.			
	2) Integrate principles of surgical asepsis in perioperative routines and exhibit a strong surgical conscience.			
1) IdentifA9:L35y basic surgical instrumentation and demonstrate an understanding of the decontamination/sterilization processes.				

- **Institutional Outcomes Matrix: The Institutional Outcomes Matrix represents the Vernon College mandated requirements. This matrix represents how the program outcomes map back to the institutional outcomes/general education outcomes.**

Program: Surgical Technology										
Award: Surgical Technology AAS										**Credential: Associate in Applied Science (AAS) Degree**
Cip: 15.0909										
OUTCOMES										**General Education Outcomes**
1	2	3	4	5	6	7	8	9	10	
X	X	X	X	X	X	X	X	X	X	1. Critical Thinking Skills
X	X	X	X	X	X	X	X	X	X	2. Communication Skills
X	X	X	X	X	X	X	X	X	X	3. Empirical and Quantitative Skills
X	X	X	X	X	X	X	X	X	X	4. Teamwork
X	X	X	X	X	X	X	X	X	X	5. Social Responsibility
X	X	X	X	X	X	X	X	X	X	6. Personal Responsibility
									10) Demonstrate professional attributes of an entry-level Surgical Technologist consistent with the profession and employer expectations.	
								9) Perform proficiently and competently as an entry-level Surgical Technologist in the cognitive, psychomotor, and affective learning domains.		
							8) Correlate the elements, actions, and use of medications and anesthetic agents utilized during perioperative patient care.			
						7) Integrate a comprehensive understanding of anatomy, physiology, medical terminology, pharmacology, and pathophysiology to the role of the entry-level Surgical Technologist.				
					6) Communicate effectively with patients and the health care team based upon respect for the dignity, cultural diversity, and worth of each person.					
				5) Apply an understanding of the ethical, legal, moral, and medical values related to the patient and the surgical team delivering perioperative care.						

		4) Apply knowledge and skills of a professional Surgical Technologist to address the biopsychosocial needs of the surgical patient.
		3) Demonstrate a safe and professional level of practice and knowledge in the perioperative routines assumed by the entry level Surgical Technologist to include; patient transportation, positioning, and emergency procedures.
	2) Integrate principles of surgical asepsis in perioperative routines and exhibit a strong surgical conscience.	
1) Identify basic surgical instrumentation and demonstrate an understanding of the decontamination/sterilization processes.		

❖ **Approve SCANS, General Education, Program Outcomes, and Institutional Outcome Matrices.**

Amanda asked Jeff to explain the matrices. He explained the college has to work under three umbrellas. Local or Vernon College rules and regulations, State or Texas Higher Education Coordinating Board rules and regulations, and Federal rules and regulations. He explains the SCANS, General Education, Program Outcomes, and the new Institutional Outcomes matrices and noted how they map to the courses. Shane asked members present if they had any questions and none were asked. **Alvita Foster made the motion to approve the SCANS, General Education, Program Outcomes, and Institutional Outcomes as presented. Peyton Reinke seconded the motion. Motion passed.**

❖ **Program statistics: Graduates (from previous year/semester), current majors, current enrollment**

CHAIR: "The data listed below outlines program statistics. Any questions from the committee?"

- Program Statistics:
  - Graduates 2018-2019: 12
  - Enrollment Summer 2019: 12
  - Majors Fall 2018-2019: 15
  - Enrollment Fall 2019: 15

No questions from members concerning program statistics.

❖ **Evaluation of facilities, equipment, and technology. Recommendation for acquisition of new equipment and technology.**

CHAIR: "Has everyone had the opportunity to tour the facility and labs?"

CHAIR: "Would the faculty member like to interject any information?"

CHAIR: "For those of you who have seen the lab/classroom, do you have any recommendations of new equipment and technology?"

Program/Discipline: Surgical Technology Program   Campus: CCC   Room: 2302

Name/Description of Item	Identification Number	Date of Acquisition	Expected Life	Replacement Date	Funding Source*
2-adult mannequins		2003	25 years	2028	VC Program Supply Budget
2-Major Surgical Instrument Sets		2004	20 years	2024	Perkins
2-Minor Surgical Instrument Sets		2004	20 years	2024	Perkins
Miscellaneous Instruments		2004	20 years	2024	Perkins
Adult Torso and Head model		2005	20 years	2025	Perkins
OB/GYN, ENT, Ortho, and Neurosurgical Instruments		2005	20 years	2024	Perkins
Storz Insufflator, 10mm 0 degree Laparoscope, 10mm 30 degree Laparoscope, and 5mm 0 degree Laparoscope		2006	20 years	2026	Perkins
Mayo Stands X 2 Reconditioned		2007	20 years	2027	Perkins
Back Tables X 2 Reconditioned		2007	20 years	2027	Perkins
Surgical Scrub Sinks X 2 Six stations for scrubbing		2009	20 years	2029	Perkins
Amsco Electric Surgical Table—OR Bed		2009	15 years	2024	Perkins
2 Arm Boards for OR Bed & Safety strap X 2-- Reconditioned		2009	15 years	2024	Perkins
2 Clark Sockets for OR Bed		2009	15 years	2024	Perkins
Foot Board with side rails and sockets for OR Bed		2009	15 years	2024	Perkins

2 IV Stands with rollers		2009	15 years	2024	Perkins
1 Kick Bucket		2009	15 years	2024	Perkins
4 Step Stools		2009	15 years	2024	Perkins
2 Prep Stands		2009	15 years	2024	Perkins
2 Linen Hampers		2009	15 years	2024	Perkins
2 Ring Stands		2009	15 years	2024	Perkins
2 Chest Rolls		2009	15 years	2024	Perkins
Urological Instrumentation Cystoscopes		2009	15 years	2024	Perkins
5 Instrument Trays		2009	20 years	2029	Perkins
2 Overhead OR Lights		2010	20 years	2030	Perkins
1 Mayo Stand Reconditioned		2010	15 years	2025	Perkins
ESU w/ foot pedal and stand. Works and appears new		2010	15 years	2025	Perkins
ENT Instrumentation		2010	20 years	2030	Perkins
Misc. Urology Instruments		2010	20 years	2030	Perkins
GYN Instruments		2010	20 years	2030	Perkins
Orthopedic Instruments		2010	20 years	2030	Perkins
Instrument Trays and Cases		2012	20 years	2032	Perkins
ENT, Ortho, GYN, Neuro, GU, and Misc. General Inst.		2012	20 years	2032	Perkins

Candy Cane Stirrups, Transfer Roller board, and side rail clamps		2012	15 years	2027	Perkins
Laparoscopic Tower, Flat Panel Monitor, Camera Power Unit, Light Source, Camera & Light Cord.		2015	10 years	2025	Perkins
10mm 0 degree Laparoscope		2015	10 years	2025	Perkins
3-DMed Laparoscopic Trainer		2016	10 years	2026	Perkins
Stryker System 5 with 2 batteries and charger		2017	10 years	2027	Perkins
Storz Camera head and power source, light cord and power source, 10 mm laparoscope, flat panel monitor		2017	10 years	2027	Karl Storz Endoscopy Equipment Grant
Storz laparoscopic graspers. Tubes, inserts, and metal handles.		2017	10 years	2027	Karl Storz Endoscopy Equipment Grant
Storz arthroscopy shaver, power source, and foot pedal. Mini arthroscope and trocars.		2017	10 years	2027	Karl Storz Endoscopy Equipment Grant
Arthroscopy grasper, biopsy punch, scissors and trocars		2017	10 years	2027	Karl Storz Endoscopy Equipment Grant
Laparoscopic Cart to house Karl Storz Grant Equipment.		2017	15 years	2032	VC Program Supply Budget
Laparoscopic instruments and case		2018	10 years	2028	Perkins
Metal shelving		2018	20 years	2038	VC Program Supply Budget

*Funding Source, if known, e.g., VC budget, Perkins, Tech Prep, or other grant or source.

Amanda asked Jeff to review the lab inventory list. Jeff reviewed the inventory list and said the program was up to date on equipment, instruments, and supplies. At the current time the program is a few years away from having to replace or update lab equipment and Jeff said the program was in good shape on lab equipment and technology. Dr. Grisel noted several items would need replacement in 2024. Shana and Jeff explained the planning and grant writing process for replacing equipment. Jeff noted some equipment may last longer than originally expected since it being used for education purposes only. The lab inventory is evaluated each February that starts the planning process for replacements. The members present made no recommendations for acquisition of new equipment and technology.

❖ Recruitment and retention of the underrepresented gender in gender-biased programs

- How does the program attract non-traditional gender?
  - o Posters throughout Skill Training Center, Century City Center, and Vernon Campus with the non-traditional gender advertised
  - o Invites both male/female professionals to the promotional events
  - o Individual tours
  - o Facebook/Social Media
  - o Preview Day
  - o Vernon College's Marque
  - o Marketing videos
  - o Early College Start Coordinator
  - o Recruiting Coordinator
  - o Program spotlight video used on different platforms
  - o Program Webpage
  - o Scholarships
  - o New Beginnings

Amanda asked Jeff to update the committee on the program's efforts for recruitment and retention of the underrepresented gender. Jeff referred to the list in the meeting documentation detailing the various program and college efforts to recruit male students for the ST Program. Discussion concerning male students and the state of the economy impacting education choices was conducted. Shana explained with Perkins funding the goal is to achieve 25% of the underrepresented gender enrolled in the program. The members present made no recommendations for recruitment and retention of the underrepresented gender.

❖ Surgical Technology Student Association

Jeff asked Emma to explain the STSA activities. She reported the STSA is active in fundraising selling salsa and poinsettias to fund their educational conferences. The students will sponsor a Halloween Party with the West Texas Children's Aid Society next week and provided goodie bags for national surgical technologist's week.

❖ Other

Jeff informed the members for long range planning purposes the committee needed to start considering who will replace him when he retires. Jeff said he is five to seven years away from that point but wanted the committee to put this on the long range plan. Finding a local person who is in invested in the committee was discussed as an important aspect. Dr. Grisel asked what qualifications were for a program coordinator and suggested a slow transition with someone working part-time and transitioning into the full-time role.

Adjourn:

There being no other business or discussion, the meeting adjourned at 5:15 PM.

_____
Recorder Signature

10/28/19
_____
Date