

**Advisory Committee Fall 2021 Minutes
Surgical Technology**

4:00 pm – October 27, 2021 – Century City Center, Joe Chat Sumner Conference Room

Members present:

Amanda Crow, Surgery Manager United Regional
Natalie Griffin, Vernon College Student
Dr. Jedidiah Grisel, Head and Neck Associates
Alvita Foster, CST, First Assist, United Regional
Shane Smith, Higginbotham, and Associates
Chad Heron, CST, United Regional Hospital

Brianna Macias

Vernon College faculty/staff:

Jeff Feix
Karen McClure
Tracy Catlin
Holly Scheller
Delilah Fowler
Gregg Chesterman
Shana Drury
Harli Adams

Members not present:

Jordain Bass
Bonnie Beavers
Delayne Crow

Jeff Feix began by welcoming the committee and began the introductions.

Shana Drury reviewed the purpose of the committee and opened the floor for nominations or volunteers for the chair, vice-chair, and recorder.

Chair: Alvita Foster
Vice-chair: Chad Heron
Recorder: Shane Smith

Old Business/Continuing Business.....Alvita Foster

Alvita Foster began the meeting with old business.

Jeff Feix reviewed the documentation provided to the committee.

- ❖ Program Effectiveness Plan (PEP)

New BusinessAlvita Foster

❖ **Program Specific Accreditation Information and Requirements**

Graduate Placement Outcomes:

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

| Academic Year | 2015/2016 | 2016/2017 | 2017/2018 | 2019/2020 | 2020/2021 |
|----------------|-----------|-----------|-----------|-----------|-----------|
| Placement Rate | 83% | 100% | 93% | 92% | 100% |

- 2019/2020—one graduate did not seek employment in the field. 12/13 employed

- 2020/2021—all graduates employed 11/11

Retention—ARC/STSA Threshold for Retention: 60%

| Program Year | Students Admitted | Graduates Completing | Retention Rate |
|------------------|-------------------|----------------------|----------------|
| 2016/2017 | 14 | 13 | 93% |
| 2017/2018 | 15 | 14 | 93% |
| 2018/2019 | 15 | 12 | 80% |
| 2019/2020 | 15 | 13 | 87% |
| 2020/2021 | 12 | 11 | 92% |

- 2020/2021—student dropped at the end of the fall semester due to personal reasons.

CST Exam Results

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

| Year | Tested | Passed | Pass Rate |
|-------------|--------------|----------|------------|
| 2017 | 13/13 | 10 | 77% |
| 2018 | 14/14 | 13 | 93% |
| 2019 | 12/12 | 11 | 92% |
| 2020 | 13/13 | 10 | 77% |
| 2021 | 11/11 | 9 | 82% |

- 2021—two students that did not pass are retesting in November (earliest date available)

| Content Area Tested | 16/17 | 17/18 | 18/19 | 19/20 | 20/21 |
|--|-------|-------|-------|-------|--------------|
| I. Pre-Operative Preparation | 75 | 81 | 86% | 68% | 75% |
| II. Intra-Operative Preparation | 71 | 75 | 74% | 74% | 72% |
| III. Post-Operative Preparation | 87 | 87 | 82% | 80% | 79% |
| IV. Administrative & Personnel | 79 | 76 | 79% | 79% | 72% |
| V. Equipment, Sterilization, & Maint. | 68 | 74 | 73% | 69% | 70% |
| VI. Anatomy and Physiology | 77 | 72 | 80% | 76% | 72% |
| VII. Microbiology | 80 | 86 | 81% | 74% | 61% |
| VIII. Pharmacology | 66 | 76 | 86% | 70% | 79% |

Dr. Jedidiah Grisel asked Jeff Feix if he tries to keep the placement of students who graduate near the area.

Jeff replied that he likes to keep the students close to our area so he will send those students who graduate to near businesses, but sends them out if that's where they prefer.

Jeff let the committee know that on the test the students do not have to pass a certain percentage in each section. It is an overall scoring system. Vernon College Surgical Technology Program has a pass rate of 82%, while nationally it is a 71%.

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

Alvita Foster asked the faculty member, Jeff Feix, to briefly review the program outcomes with the committee.

Jeff Feix reviewed the program outcomes listed below with the committee.

Program outcomes

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 the 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 progression and employer expectations.

❖ **Approve program outcomes**

Alvita Foster asked the committee for a motion to approve the program outcomes as presented.

Amanda Crow made a motion to approve the program outcomes as presented.

Shane Smith seconded the motion.

The motion passed and the committee approved the program outcomes.

❖ **Approve assessment methods and results**

Alvita Foster asked the faculty member, Jeff Feix, to explain in more detail the assessment methods and results.

Jeff Feix reviewed the information below.

- Each course taught in the program is 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.
 - Student Self-Evaluations and Instructor Evaluations.
 - Written and verbal preceptor evaluations for daily and/or weekly.
 - Student project in the final semester.
- Practice CST examination administered the first week of the final semester.
- Weekly CST exam reviews during the 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.

Dr. Jedidiah Grisel asked Jeff Feix if a student aces the test but cannot master a tool/skill level, can they still pass the course.

Jeff Feix stated that the student cannot pass the course due to the clinical associated with the skills or tools needed to test.

Alvita Foster asked the committee for a motion to approve the assessment methods as presented.

Shane Smith made a motion to approve the assessment methods as presented.

Dr. Jedidiah Grisel seconded the motion.

The motion passed and the committee will approve the assessment methods as presented.

❖ **Approval of workplace competency (course or exam)**

Alvita Foster asked the faculty member, Jeff Feix, to please tell the committee about the competency and how the students performed on the competency.

| Program Outcome | Number of students who took the course or | Results per student | Use of results |
|-----------------|---|---------------------|----------------|
| | | | |

| | licensure exam | | |
|--|----------------|---|--|
| 1. Identify basic surgical instrumentation and demonstrate an understanding of the decontamination/sterilization processes. | 11 | <p>Pre-Op Prep 3—students 89% 1—student 83% 3—students 78% 1—student 72% 3—students 56%</p> <p>Equipment, Sterilization, and Maintenance 1—student 88% 1—student 82% 3—students 76% 3—students 71% 1—student 65% 2—students 47%</p> | Continue current review for this outcome |
| 2. Integrate principles of surgical asepsis in perioperative routines and exhibit a strong surgical conscience. | 11 | <p>Pre-Op Prep 3—students 89% 1—student 83% 3—students 78% 1—student 72% 3—students 56%</p> <p>Intraoperative Prep 1—student 85% 1—student 80% 1—student 79% 1—student 77% 1—student 75% 1—student 72% 1—student 66% 2—students 62% 1—student 57%</p> | Continue current review for this outcome |
| 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. | 11 | <p>Pre-Op Prep 3—students 89% 1—student 83% 3—students 78% 1—student 72% 3—students 56%</p> <p>Intraoperative Prep 1—student 85% 1—student 80% 1—student 79% 1—student 77% 1—student 75% 1—student 72%</p> | Continue current review for this outcome |

| | | | |
|--|----|--|--|
| | | 1—student 66% 2—students 62% 1—student 57% Post-Op Prep 1—student 100% 4—students 92% 3—students 83% 1—student 75% 1—student 50% 1—student 33% | |
| 4. Apply the knowledge and skills of a professional Surgical Technologist to address the biopsychosocial needs of the surgical patient. | 11 | Pre-Op Prep 3—students 89% 1—student 83% 3—students 78% 1—student 72% 3—students 56% | Continue current review for this outcome |
| 5. Apply an understanding of the ethical, legal, moral, and medical values related to the patient and the surgical team delivering perioperative care. | 11 | Administrative and Personnel 1—student 100% 4—students 89% 2—students 78% 1—student 67% 1—student 56% 1—student 33% 1—student 22% | Continue current review for this outcome |
| 6. Communicate effectively with patients and the health care team based upon respect for the dignity, cultural diversity, and worth of each person. | 11 | Administrative and Personnel 1—student 100% 4—students 89% 2—students 78% 1—student 67% 1—student 56% 1—student 33% 1—student 22% Anatomy and Physiology 1—student 85% 1—student 80% 2—students 75% 3—students 70% 1—student 65% 2—students 55% 1—student 45% | Continue current review for this outcome |
| 7. Integrate a comprehensive understanding of anatomy, physiology, medical | 11 | Anatomy and Physiology 1—student 85% | Continue current review for this outcome |

| | | | |
|---|----|--|---|
| terminology, pharmacology, and pathophysiology to the role of the entry-level Surgical Technologist. | | 1—student 80% 2—students 75% 3—students 70% 1—student 65% 2—students 55% 1—student 45% Microbiology 2—students 100% 2—students 83% 4—students 67% 1—student 33% 1—student 17% 1—student 0% Pharmacology 1—student 100% 6—students 86% 2—students 71% 2—students 57% | |
| 8. Correlate the elements, actions, and use of medications and anesthetic agents utilized during perioperative patient care | 11 | Pharmacology 1—student 100% 6—students 86% 2—students 71% 2—students 57% | Continue current review for this outcome |
| 9. Perform proficiently and competently as an entry-level Surgical Technologist in the cognitive, psychomotor, and affective learning domains | 11 | 11 students passed SRGT 2660 Clinical during the final semester. 9 students passed the CST exam | Continue the current process for this outcome |
| 10. Demonstrate professional attributes of an entry-level Surgical Technologist consistent with the progression and employer expectations | 11 | This outcome is measured with the Employer Survey sent four (4) months after graduation. Will be evaluated in the Spring PAC Meeting. | Continue the current process for this outcome |

Verification of workplace competencies:

Credentialing Examination: Certified Surgical Technologists Examination

Dr. Jedidiah Grisel is worried about A&P and micro being low percentages.

Alvita Foster asked the committee for a motion to approve the workplace competency as presented.

Dr. Jedidiah Grisel made a motion to approve the workplace competency as presented.

Shane Smith seconded the motion.

The motion passed and the committee approved the workplace competency as presented.

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

Alvita Foster asked the faculty member to please discuss with the committee the program's curriculum and degree plans for 2022-2023.

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 or | Federal Government (Federal Constitution and Topics) | 3 |
| PSYC 2301 | General Psychology | |
| MATH 1314 or | College Algebra | 3 |
| MATH 1332 | Contemporary Mathematics | |
| SPCH 1315 | Public Speaking | 3 |
| Humanities | Language, Philosophy, and Culture or Creative Arts Elective | 3 |

Prerequisite Requirements (9 SH)

| | | |
|-----------|--|---|
| BIOL 2401 | Anatomy & Physiology I | 4 |
| BIOL 2402 | Anatomy & Physiology II | 4 |
| LEAD 1100 | Workforce Development with Critical Thinking | 1 |

Major Requirements (36 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 1660 | Clinical - Surgical Technology/Technologist | 6 |
|-----------|---|---|

Spring I—8-Weeks

| | | |
|-----------|-----------------------|---|
| SRGT 1441 | Surgical Procedures I | 4 |
|-----------|-----------------------|---|

Spring II—8-Weeks

| | | |
|-----------|------------------------|---|
| SRGT 1442 | Surgical Procedures II | 4 |
|-----------|------------------------|---|

Summer Semester

| | | |
|-----------|---|---|
| SRGT 2130 | Professional Review | 1 |
| 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

Course descriptions and learning outcomes are provided as a separate document.

HPRS 1206 Essentials of Medical Terminology (SRGT) 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.

LEAD 1100 Workforce Development with Critical Thinking - Development of leadership skills and critical thinking strategies that promote employment readiness, retention, advancement, and promotion.

Identify characteristics of employees who are qualified for employment, promotion, and retention in the workforce; explain critical thinking strategies within the context of strong leadership; apply business communication skills; utilize data and information to make decisions; and identify roles and strategies used in group processes and team building.

This course will focus on **Work Ethics** – the foundational workplace skills that are the building blocks for success in every job. These seven skills have been identified through our research and validated by the competency models developed by the U.S. Department of Labor. The seven workplace skills that comprise Work Ethic:

- **ATTITUDE:** Staying positive in every situation. Take control of the way you react.
 - **ATTENDANCE:** Showing you're reliable in every phase of your life. Be on time, every time.
 - **APPEARANCE:** Being professional both in the way you act and the way you look. Choose to be a pro.
 - **AMBITION:** Taking initiative and adding value. Do more than the minimum.
 - **ACCEPTANCE:** Having respect and following direction. Be coachable and play by the rules.
 - **APPRECIATION:** Demonstrating your gratitude towards others. Provide selfless service.
 - **ACCOUNTABILITY:** Living honestly and having integrity with every decision you make. Refuse to rationalize bad decisions.
-

SRGT 1160 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. As outlined in the learning plan, apply the theory, concepts, and skills involving specialized materials, tools, equipment, procedures, regulations, laws, and interactions within and among political, economic, environmental, social, and legal systems associated with the occupation and the business/industry; and will demonstrate legal and ethical behavior, safety practices, interpersonal and teamwork skills, and appropriate written and verbal communication skills using the terminology of the occupation and the business/industry.

SRGT 1405 Introduction to Surgical Technology/Technologist 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 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 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. Relate 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 1660 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. As outlined in the learning plan, apply the theory, concepts, and skills involving specialized materials, tools, equipment, procedures, regulations, laws, and interactions within and among political, economic, environmental, social, and legal systems associated with the occupation and the business/industry; and will demonstrate legal and ethical behavior, safety practices, interpersonal and teamwork skills, and appropriate written and verbal communication skills using the terminology of the occupation and the business/industry.

SRGT 2660 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. As outlined in the learning plan, apply the theory, concepts, and skills involving specialized materials, tools, equipment, procedures, regulations, laws, and interactions within and among political, economic, environmental, social, and legal systems associated with the occupation and the business/industry; and will demonstrate legal and ethical behavior, safety practices, interpersonal and teamwork skills, and appropriate written and verbal communication skills using the terminology of the occupation and the business/industry.

SRGT 2130 Professional Readiness- Overview of professional readiness for employment, attaining certification, and maintaining certification status.

Demonstrate job-seeking skills, and identify strengths and weaknesses in preparation for the certification examination.

Alvita Foster asked the committee for a motion to approve the program curriculum, courses, and degree plans as presented.

Chad Heron made a motion to approve the program curriculum, courses, and degree plans as presented.

Amanda Crow seconded the motion.

The motion passed and the committee approved the program curriculum, courses, and degree plans as presented.

❖ **Approve 2021-2022 SCANS, General Education, Program Outcomes, and Institutional Outcome Matrices.**

Alvita Foster asked the faculty member, Jeff Feix, to please discuss the matrices with the committee.

Jeff Feix reviewed the following matrices with the committee.

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 | | | | | | | | | |
| LIST OF ALL COURSES REQUIRED AND IDENTIFIED COMPETENCIES | | | | | | | | | |
| 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, & 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 | | | | | | Credential: Associate in Applied Science (AAS) Degree | |
|--|---|---|---|---|---|--|--|
| Award: Surgical Technology AAS | | | | | | | |
| Cip: 15.0909 | | | | | | | |
| LIST OF ALL COURSES REQUIRED AND IDENTIFIED CORE OBJECTIVES | | | | | | | |
| 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 | 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 | | | | | | | | | | Course Number | | Course Title | | |
|--------------------------------|---|---|---|---|---|---|---|---|----|--|--|---|---|--|
| Award: Surgical Technology AAS | | | | | | | | | | | | | Credential: Associate in Applied Science (AAS) Degree | |
| Cip: 15.0909 | | | | | | | | | | | | | | |
| OUTCOMES | | | | | | | | | | | | | | |
| 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 & 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> | | Language, 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 professional and employer expectations. | | | | |
| | | | | | | | | | | 9) Perform proficiently and competently as an entry-level Surgical Technologist in the cognitive, psychomotor, and affective learning domains. | | | | |

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| 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 the 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. |

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 | | | | | | | | | | | Credential: Associate in Applied Science (AAS) Degree |
| Award: Surgical Technology AAS | | | | | | | | | | | |
| 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 the knowledge and skills of a professional Surgical Technologist to address the biopsychosocial needs of the surgical patient. |

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| 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. |

*Alvita Foster opened the floor for discussion and recommendation, hearing none Alvita asked the committee for a motion to approve all matrices as presented.
Amanda Crow made a motion to approve the matrices as presented.
Dr. Jedidiah Grisel seconded the motion.*

The motion passed and the committee approved the matrices as presented.

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

Jeff Feix reviewed the following information with the committee.

- Graduates 2020-2021: 11
- Majors Fall 2021-2022: 15
- Enrollment Fall 2021: 14 female, 1 male

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

Alvita Foster reminded the committee that Jeff Feix would be happy to show the committee the lab facilities after the meeting.

Jeff Feix reviewed the equipment that the program received in the past years and the age of the equipment.

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 | 25 years | 2029 | Perkins |
| 2-Minor Surgical Instrument Sets | | 2004 | 25 years | 2029 | Perkins |
| Miscellaneous Instruments | | 2004 | 25 years | 2029 | Perkins |
| | | 2005 | 20 years | 2025 | Perkins |

| | | | | | |
|--|--|------|----------|------|---------|
| Adult Torso and Head model | | | | | |
| OB/GYN, ENT, Ortho, and Neurosurgical Instruments | | 2005 | 25 years | 2030 | 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 | 15 years | 2024 | 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 another grant or source.

Alvita Foster asked if there was any further discussion or recommendations for new equipment.

Jeff Feix stated that the students are doing the online robotic training, that staff at nearby hospitals are doing. The Surg Tech program also received VR headsets for the students to learn and practice on.

Shane Smith asked Amanda Crow about the Smith's or Striker's helping with funding in the future years, utilizing foundations, grants, or even donations.

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

Alvita Foster the faculty member, Jeff Feix, to please discuss the recruitment and retention of the underrepresented gender in a gender-biased program.

- How does the program attract non-traditional gender?

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

Alvita asked if there was any further discussion about recruitment.

❖ **Local Demand**

Amanda Crow stated that United Regional Hospital had hired 4 students from the last graduating class but is still in need of more applicants.

Jeff Feix knows that Kell West had hired 5 from the last graduating class and needs more applicants. He also stated that Wilbarger General Hospital had hired 2 from the last graduating class and is still in need of more applicants.

❖ **Comprehensive Local Needs Assessment (Discussion led by Shana Drury):**

-Living Wage

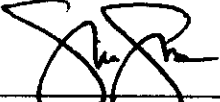
| Occupational Code | Occupation | Prevailing Hourly Wage | Prevailing Annual Wage |
|-------------------|-----------------------|------------------------|------------------------|
| 29-2055 | Surgical Technologist | \$21 | N/D |

Shana Drury went through a list of questions regarding the CLNA and access to Vernon College for all participants, not just Surgical Technology students. Discussion ensued about access, marketing, and new occupations/training needs.

Alvita Foster asked if there was any further discussion.

Shana Drury thanked the committee for their time today and their participation on the advisory committee.

Alvita Foster adjourned the meeting at 5:35 pm.

| | | |
|--|-------------------|----------------------------|
| Recorder Signature: Shane Smith  | Date: 01-18-22 | Next Meeting: Fall 2022 |
|--|-------------------|----------------------------|