



# Surgical Technology Program



# Roles & Goals

The Surgical Technologist is a team member in the operating room under the direct supervision of qualified preprofessional nurses and physicians. Surgical technologists are responsible for creating and maintaining a surgical sterile field, assisting the surgeon during a procedure, understanding the procedure, anticipating the surgeon's needs and maintaining a safe environment for the patient.

The program includes didactic and classroom theory, lab and clinical instruction. The program will provide students with the skills and knowledge to become entry-level Surgical Technologists.

## **Program Goals:**

1. Apply the principals of surgical asepsis -  
Cognitive, Psychomotor
2. Relate the roles and responsibilities of the Surgical Technologists to the perioperative patient - Cognitive
3. Communicate effectively and advocate for patient safety as a member of multidisciplinary surgical team - Cognitive

# Roles & Responsibilities

**First Scrub Role:** The student surgical technologist shall perform the following duties during any given surgical procedure with proficiency. The following list is provided to identify the items that must be completed in order to document a case in the first scrub role. A student not meeting the five criteria below cannot count the case in the first scrub role and the case must be documented in the second scrub role or observation role.

1. Verify supplies & equipment needed for the surgical procedure.
2. Set up the sterile field with instruments, supplies, equipment, medication(s) and solutions needed for the procedure.
3. Perform counts with the circulator prior to the procedure and before the incision is closed.
4. Pass instruments & supplies to the sterile surgical team members during the procedure.
5. Maintain sterile technique as measured by recognized breaks in technique and demonstrate knowledge of how to correct with appropriate technique.

**Second Scrub Role:** The student who is at the sterile field who has not met all criteria for the first scrub role, but actively participates in the surgical procedure in its entirety by completing any of the following:

- Sponging - Suctioning - Cutting Suture
- Holding Retractors - Manipulating Endoscopic Camera

**Observation Role:** The student who is in the operating room performing roles that do not meet the criteria for the first or second scrub role. These observation cases are not to be included in the required case count, but must be documented by the program.

- Students are expected to maintain a minimum grade of 80% or better throughout the program, and are evaluated during the Kona Community Hospital clinical experience on competencies in each area of surgery.
- Students applying for this program should not have an aversion to the sight of blood and be able to work under stressful conditions. They should have manual dexterity for handling instruments, necessity of walking, lifting, and, standing for long periods of time.

# Program

## **Learning Outcomes:**

1. Promote skills in problem solving, critical thinking, and communication.
2. Provide the profession with competent Surgical Technologists for entry-level employment.
3. Provide an environment that promotes professional development and growth.

*The Kona Community Hospital Surgical Technology Program follows the Accreditation Review Council on Education in Surgical Technology and Surgical Assisting (ARC/STSA) standards by “preparing competent entry- level surgical technologists in the cognitive (knowledge), psychomotor (skills) and affective (behavior) learning domains”.*

*The 10-month program begins in August and is completed the following May. The program is fulltime, Monday — Friday 6:45 am to 3:15 PM broken into four 10 week phases.*

## **Criteria for Successful Completion and Graduation:**

- Fulfill all course requirements as stated in each course syllabus
- Achieve minimum grade of “B” (80%) in each course,
- Complete a total of 120 cases:
  - 30 General Surgery and first scrub a minimum of 20 cases
  - 90 cases in various surgical specialties (excluding General Surgery) with 60 cases in the first scrub role and evenly distributed between a minimum of surgical specialties
- Successfully complete all lab, practical, and clinical components of each course

# Program

## The curriculum includes:

### Phase 1

- Intro to Lab I/II .....Theory (90 hrs)
- Patient care I/II.....Theory (90 hrs)
- Surgical Lab I.....Lab (195 hrs)
- Pharmacology.....Theory (60 hrs)
- Operating Room Theory I.....Theory (45 hrs)

### Phase 2

- Microbiology.....Theory (75 hrs)
- Operating Room.....Theory (165 hrs)
- Surgical Lab II.....Lab (195 hrs)

### Phase 3

- Clinical I.....Clinical (272 hrs)
- Seminar I.....Theory (72 hrs)

### Phase 4

- Clinical II.....Clinical (280 hrs)
- Seminar II.....Theory (72 hrs)

## **Associate Degree Mandatory Pre-requisite Courses:**

- ENG 100 – Composition I (3 Credits)
- MATH 100 or Higher – Survey of Mathematics or Higher (3 Credits)
- MICR 130/140L – Microbiology / Lab (3 Credits / 1-2 Credits)
- PHYL 141/141L – Human Anatomy & Physiology I /Lab (3 Credits / 1 Credit)
- PHYL 142/142L – Human Anatomy & Physiology II / lab (3 Credits / 1 Credit)
- PSY100 or SOC100 – Survey of Psychology or Survey of Sociology 100 (3 Credits)
- SP151 or SP251 – Personal and Public Speech or Public Speaking (3 Credits)
- HLTH 125 - Survey of Medical Terminology (1 Credit)

# Application Process

Individuals interested in applying to the Kona Community Hospital Surgical Technology Program must have a high school diploma or high school equivalency certificate and be at least 18 years of age.

*An Associate Degree in Science required as a PREREQUISITE.*

To apply to the Kona Community Hospital Surgical Technology Program, the following items must be submitted to the Kona Community Hospital Education Director:

- An application for Admission to the Program
- A formal resume
- An essay of maximum 500 words
- 2 Letters of Recommendations
- Completion of High School with a minimum GPA 2.0 or G.E.D. with a minimum score of 450 or a HiSET score of 15 or above
- Official Transcripts of all prior Education
- Mandatory attendance to informational session meetings, held by appointment only. Please call 808-333-6771 to schedule.

After the application is reviewed, and interviews are completed, candidates to the program will be selected pending satisfactory references. All interviewed candidates are notified of acceptance or non-acceptance by letter from the Surgical Technology Program faculty.

Upon acceptance, a background check, fingerprinting, drug screen, physical exam and hospital required immunization documentation will be needed.

The application and other pertinent information can be viewed at:  
<https://kch.hhsc.org/kch-surgical-technology-program/>



**Scan here to learn  
more about our  
admission process**

# More Information

For more information about the application, tuition and fees, and student handbook please go to:

<https://kch.hhsc.org/kch-surgical-technology-program/>

For additional information, please contact:

Kona Community Hospital  
Education Department  
Stormy Armstrong  
808-333-6771  
rarmstrong@hhsc.org

## Useful Links

- Commission on Accreditation of Allied Health Education (CAAHEP)

[www.caahep.org](http://www.caahep.org)

- Accreditation Review Council for Surgical Technology and Surgical Assisting

[www.arcstsa.org](http://www.arcstsa.org)

- Association of Surgical Technologists

[www.ast.org](http://www.ast.org)

- Hawaii State Assembly of Surgical Technologists

<http://hi.ast.org>