

SURGICAL TECHNOLOGY

Aubree Rhoad, BS, **Coordinator**
 Phone: (567) 242-5930
 Email: rhoad.a@rhodesstate.edu
 Office: TL 102F

The Surgical Technology program at Rhodes State College prepares students for a career as a member of a surgical team in four semesters. A surgical technologist is an allied health professional who assists the surgeon, registered nurse, and anesthesiologist as a member of the surgical team. To ensure proper surgical case management, the surgical technologist prepares and passes all sterile instruments during the surgical procedure while maintaining the sterile field and anticipating the needs of the surgeon. The surgical technologist helps to meet the needs of patients in the operating rooms of hospitals, ambulatory surgery centers, physician offices, diagnostic facilities, and other agencies where surgery is performed. Learn more about this career at www.ast.org.

Program Learning Outcomes

Upon completion the student will be able to:

1. Assist in surgical procedures/cases safely by utilizing appropriate knowledge of anatomy, pathophysiology, pharmacology, medical terminology, and the application of surgical aseptic technique, sterility and decontamination. Meet the educational requirements necessary for the national certifying exam administered by the National Board of Surgical Technology and Surgical Assisting (NBSTSA). Cognitive (knowledge)
2. Practice within the legal, ethical, and professional scope of the surgical technologist by performing all skills and duties safely during the preoperative, intraoperative and postoperative phases of patient care. Psychomotor (skills)
3. Develop the entry level employment skill for the various roles of the Surgical Technologist (ST). Utilize effective communication and globalization skills. Affective (behavioral)

Technical Standards

See here for details.

Tech Prep Partner

See here for details.


Surgical Technology Associate of Applied Science

First Year

Course	Description	Hours
SRG 1050	Introduction to Sterile Processing for the Surgical Technologist	3
BHS 1390	Medical Terminology	2
MTH 1260	Statistics	3
Term Hours		8

Fall

SDE 1010	First Year Experience	1
BIO 1110	Anatomy and Physiology I	4
COM 1110	English Composition	3

SRG 1000	Theory and Fundamentals	7
Term Hours		15
Spring		
BIO 1120	Anatomy and Physiology II	4
SRG 1200	Pharmacology for Surgical Technology	2
SRG 1700	Surgical Procedures I	6
SOC 1010	Sociology	3
Term Hours		15
Second Year		
Fall		
BIO 1400	Microbiology	4
SRG 1510	Directed Practice for Surgical Procedures I	3
SRG 2100	Surgical Procedures II	4
Term Hours		11
Spring		
COM 2213	Verbal Judo	3
SRG 2110	Directed Practice for Surgical Procedures II	3
SRG 2500	Surgical Procedures III	4
SRG 2610 	Surgical Technology Capstone	4
Term Hours		14
Total Hours		63

Capstone

Prospective students are required to:

1. Be 18 years of age
2. Attend a mandatory program briefing to learn detailed program requirements and career opportunities.
3. Complete 16 hours of observation arranged by the student
4. Have and maintain a 2.0 GPA
5. Complete the American Heart Association Basic Life Support (CPR) prior to the first spring semester of the program.

Minimum acceptable mental and physical qualifications of a Surgical Technology student include the following abilities:

1. Work in a standing position for long periods of time and do frequent walking.
2. Lift and transfer patients up to six inches (6") from a stooped position, then push or pull the weight up to three feet (3').
3. Lift and transfer patient from a stooped to an upright position to accomplish bed-to-chair and chair-to-bed transfers.
4. Physically apply up to ten pounds (10#) of pressure to bleeding sites, or in performing CPR.
5. Respond and react immediately to verbal instructions/requests and to auditory signals from monitoring equipment; perform auditory auscultation without impediment; discriminate directed sounds in a noise cluttered environment.
6. Physically perform up to a twelve-hour shift clinical laboratory experience.
7. Perform close and distance visual activities involving objects, persons, and paperwork, as well as discriminate depth and color perception.
8. Discriminate between sharp/dull and hot/cold when using hands.

9. Perform fine and gross motor skills with both hands with dexterity, agility and steadiness of movement.
10. Communicate effectively, both orally and in writing, using appropriate grammar, vocabulary, and work usage.

The *Surgical Technology Program at Rhodes State College* has a site visit scheduled for pursuing initial accreditation by the Commission on Accreditation of Allied Health Education Programs(www.caahep.org). This step in the process is neither a status of accreditation nor a guarantee that accreditation will be granted.