

**Dyersburg State Community College**  
**Department of Surgical Technology**  
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## WELCOME

Thank you for your interest in the Dyersburg State Community College (DSCC) Surgical Technology Program. Surgical technology is the newest program being offered as part of DSCC Division of Health Sciences at the Jimmy Naifeh Center. We are proud to offer students the opportunity to learn the skills necessary to become a surgical technologist using our state-of-the-art lab as well as attend clinicals in nearby and surrounding counties. Our instructors are knowledgeable in the field and offer insight as well as instruction. The opportunity to complete some, in not all, of the non-surgical technology curriculum in advance is available to all of our students and many of those classes can be taken online.

This packet contains the information you will need to apply to our program. To be considered for the Surgical Technology Program, you must first apply for admission to DSCC. Former students will need to reapply. To be considered for the program, please read through the following pages carefully. Students who do not meet the criteria will not be considered for the program.

The college application can be found on the DSCC homepage ([www.dsc.edu](http://www.dsc.edu)) All transcripts from previous colleges must be submitted to DSCC as well as your high school transcript.

A career in surgical technology provides many wonderful opportunities. If you have any questions or need further assistance, please call the Jimmy Naifeh Center at (901) 475-3182 or email us at [phipps@dsc.edu](mailto:phipps@dsc.edu).

Jeff Bidwell  
Director of Surgical Technology  
Dyersburg State Community College  
Jimmy Naifeh Center

## DEPARTMENT OF SURGICAL TECHNOLOGY MISSION STATEMENT

To prepare capable, entry-level surgical technologists in the cognitive (knowledge), psychomotor (skills), and affective (behavior) learning domains that will enable individuals to perform as competent, entry-level surgical technologists prepared to pass the Certified Surgical Technologist (CST) Examination meeting the need for surgical technologists in our local and regional communities.

This mission statement is reviewed annually by the Surgical Technology Advisory Committee. Recommendations for change are recorded in the advisory committee minutes and changes are reflected in any printed material after revision.

## PROGRAM OBJECTIVES/GOALS

The objectives of the Surgical Technologist program are as follows:

- Provide current curriculum, instructional materials, and equipment which are used to teach knowledge (cognitive), skills (psychomotor) and attitudes (affective) appropriate to the needs of the industry for an entry level surgical technologist.
- Provide educational facilities which foster learning and provide a safe, healthy environment, available and accessible to all students who can benefit from the program.
- Provide academic instruction which supports effective learning within the program and which enhances professional performance on the job.
- Provide workplace readiness skills which foster appropriate working attitudes, working habits, and problem-solving skills that will enable graduates of the program to perform as good employees.
- Nurture the desire for learning so graduates will pursue their own continuing education as a lifelong endeavor.
- Provide an educational atmosphere which promotes a positive self-image and a sense of personal well-being.
- Provide education that fosters development and application of good safety habits.
- Provide admission, educational, and placement services without regard to race, color, creed, ethnic or national origin, religion, sex, age, disability, marital status, academic disadvantage, or economic disadvantage.
- Provide information to the public regarding the program that will facilitate recruitment and enrollment of students.
- Promote good public relations via contacts and regular communications with business, industry, and the public sector.
- Promote faculty and student communications to enhance student success in the program.
- Prepare students to successfully pass the National Surgical Technologist Certifying Examination.

## REQUIREMENTS FOR ADMISSION TO SURGICAL TECHNOLOGY PROGRAM

The Dyersburg State Community College AAS degree with a major in Surgical Technology is a program of study that prepares individuals to become a member of the operating team during surgical procedures. As a member of the allied health professionals, you will be an integral part of the team of medical practitioners providing surgical care to patients in a variety of settings such as medical offices, outpatient clinics, and hospital operating rooms. To be considered for admission to the Surgical Technology Program, the following requirements must be met:

1. The applicant must be accepted to DSCC as a regular admission student. Refer to [Requirements for Regular Admission](#) in this catalog section.
2. The applicant must submit a completed Application for Surgical Technology by the application deadline. This application is in addition to the DSCC Application for Admission.
3. Applicants with prior college credits must have a cumulative grade-point average of 2.5 (on a 4.0 scale) for all courses comprising the surgical technology curriculum and a minimum grade of "C" in each course in the surgical technology curriculum. Please see programs of instructions for a detailed list of courses.
  - a. For repeated courses, the most recent grade will be used in the calculation of the surgical technology grade-point average.
  - b. By the application deadline for Surgical Technology, official transcripts from all previously-attended colleges and/or universities must be submitted to the Office of Records, [enroll@dsc.edu](mailto:enroll@dsc.edu). Failure to provide documentation as requested will result in the rejection of the student's application.
  - c. At any time after a student has been admitted to the Surgical Technology Program, if the student failed to submit all high school and/or college transcripts for review for admission, he/she will be dismissed from the Surgical Technology Program at the point of discovery.
4. A criminal background check and drug screen are required by clinical facilities for assurance of patient safety. These will be required if accepted into the Program.
  - a. Based on the results of these checks, an affiliated clinical site may determine to not allow a student's presence at their facility. This will result in the student's inability to successfully complete the requirements of this program.
  - b. Additionally, applicants should be aware that conviction of certain crimes may make them ineligible for surgical technician certification even though they successfully complete the Surgical Technology Program. Detailed instructions regarding the background check will be given during surgical technology orientation.
  - c. The student will assume the cost of the physical examination, drug screens, and background checks. To obtain more information, please contact the Surgical Technology Department.
5. If accepted, the applicant must submit proof of satisfactory physical and mental condition, current immunizations, including Tdap and Varicella, and a negative TB skin test or a chest X-ray, as indicated. TB skin tests and flu immunizations are required yearly. COVID-19 immunizations may be required based on a clinical site requirement. Students expected to have patient contact must present proof of protection against hepatitis B before patient contact. The applicant must submit a valid Basic Life Support (American Heart Association) CPR card to the Surgical Technology Department.
6. Transfer requests from other colleges will be considered on an individual bases and upon availability or space. Transfer requests should be directed to the Director of Surgical Technology.

7. Applicants may be interviewed by the Surgical Technology faculty as part of the admission process.
8. Admission into the Surgical Technology Program will be based on a point system.
  - a. The point system will be based upon GPA; BIOL 2010 Human Anatomy and Physiology I, ENGL 1010 English Composition I, and MATH 1530 Introductory Statistics courses completed with a grade of "B" or above; and a current certification /licensure in a healthcare field.
  - b. In the event an applicant has taken these courses more than once, the most recent grade will be calculated in the point system.
  - c. Science courses must have been completed within five years prior to the admission date and prior to the qualifying application deadline date to be included in the admission points (fall semester if applying for the next fall admissions).
9. Required Learning Support courses, if needed, must be completed prior to the qualifying application deadline date.
10. Students admitted to the DSCC Surgical Technology Program will be required to comply with the Surgical Technology Program retention and progression policies. Details of the policies are published in the *Surgical Technology Program Student Handbook*.
11. Students who apply but are not accepted for the class must reapply if they wish to be considered for the following class. Applications will not be considered from previous semesters.

## CURRICULUM

The Surgical Technology graduate possesses the competencies necessary to assume the role of a beginning practitioner in a structured healthcare setting such as an operating room. Below is the breakdown of general education classes and surgical technology classes. Students will be required to pass each of these classes with a grade of C or better to graduate from the program:

<u>Course Number</u>	<u>Course Name</u>	<u>Course Hours</u>
ENGL 1010	English Composition I	3
PSYC 1030	Introduction to Psychology	3
MATH 1530	Introductory Statistics	3
BIOL 2010	Human Anatomy and Physiology I	4
BIOL 2020	Human Anatomy and Physiology II	4
BIOL 2230	Microbiology	4
HIMT 1300	Medical Terminology	3
COMM 2025	Fundamentals of Communication	3
	***Humanities/Fine Arts Elective	3

<u>Course Number</u>	<u>Course Name</u>	<u>Course Hours</u>
SURG 1102	Orientation to Surgical Technology	1
SURG 1410	Surgical Technology and Patient Care I	4
SURG 2310	Surgical Microbiology and Asepsis	3
SURG 2420	Surgical Patient Care II	4
SURG 1305	Surgical Pharmacology	3
SURG 2103	Clinical Practicum	1
SURG 2201	Clinical Practicum II	2
SURG 2321	Surgical Procedures	3
SURG 2420	Clinical Practicum III	3
SURG 2330	Surgical Procedures II	3

\*\*\*The Humanities/Fine Arts course must be completed from the following: Art 1035, ARTH 2000, ARTH 2020, ENGL 2110, ENGL 2120, ENGL 2210, ENGL 2220, ENGL 2310, ENGL 2320, MUS 1030, PHIL 1040, PHIL 2200, or THEA 1030.

*Surgical Technology courses must be taken in order.*

## POINT CALCULATIONS FOR ADMISSION

<b>STUDENT WITH COLLEGE HOURS</b>	<b>Your Score</b>	<b>Max</b>
GPA (GPA based on Surgical Technology curriculum only)	_____	4.0
<b>Extra Point Courses 1 point for a grade of B or Above</b>		
Human Anatomy and Physiology I	_____	1.0
English Composition I	_____	1.0
Introductory Statistics	_____	1.0
Healthcare Experience (LPN, CAN, CCMA, etc.) *	_____	1.0
<b>Total</b>	_____	

*Points will be awarded for healthcare experience if the applicant provided Surgical Technology with a current healthcare licensure or certification (with expiration date).*

<b>NEW HIGH SCHOOL GRADUATE</b>	<b>Your Score</b>	<b>Max</b>
GPA	_____	4.0
<b>*ACT score 1 point for a 21 and up</b>		
ACT Math score	_____	1.0
ACT science score	_____	1.0
ACT reading score	_____	1.0
<b>Total</b>	_____	

*\*Students scoring 18 and below on the English, Math, or Reading portions on the ACT will be required to enroll in the Learning Support Program at DSCC which will automatically delay entrance in to the Surgical Technology Program until all learning support courses are successfully completed. Students will be ineligible for admission as a "New High School Graduate" but will be able to reapply as a "Student with College Hours".*

**Surgical Technology Estimated Program Cost Sheet**

**1<sup>st</sup> semester Surgical Technology Courses only:**

Tuition: (In-State) Full-time (8 hours credit) .....	\$1,584.00
Technology Fee .....	\$16.00
Student Gov. Fee .....	\$3.00
Program Fee.....	\$19.00
International Fee.....	\$15.00
<i>Surgical Technology Courses (8 credit hours) .....</i>	<i>\$1408.00</i>
<i>Text Books.....</i>	<i>\$450.00</i>
<i>Two sets of red uniform scrubs .....</i>	<i>\$100.00</i>
<i>Water resistant shoes .....</i>	<i>\$50.00</i>
<i>Two DSCC Surgical Technology Program Patches.....</i>	<i>\$50.00</i>
<b>Total Estimated Cost including Gen. Ed Classes .....</b>	<b>\$3695.00</b>

**2<sup>nd</sup> semester Surgical Technology Courses only:**

Tuition: (In-State) Full-time (7 hours credit) .....	\$1232.00
Technology Fee .....	\$16.00
Student Gov. Fee .....	\$3.00
Program Fee.....	\$19.00
International Fee.....	\$15.00
<i>Surgical Technology Courses (7 credit hours) .....</i>	<i>\$1232.00</i>
<i>Surgical Technology Kit\$.....</i>	<i>\$300.00</i>
<b>Total Estimated Cost including Gen. Ed Classes .....</b>	<b>\$2817.00</b>

**3<sup>rd</sup> semester Surgical Technology Courses only:**

Tuition: (In-State) Full-time (10 hours credit) .....	\$1760.00
Technology Fee .....	\$16.00
Student Gov. Fee .....	\$3.00
Program Fee .....	\$19.00
International Fee.....	\$15.00
<i>Surgical Technology Courses (6 credit hours) .....</i>	<i>\$1056.00</i>
<i>Criminal Background Check.....</i>	<i>\$25.00</i>
<i>Drug Screen .....</i>	<i>\$45.00</i>
<i>Physical Examination/Immunizations .....</i>	<i>\$100.00</i>
<i>CPR Course .....</i>	<i>\$50.00</i>
<i>TB Skin Test .....</i>	<i>\$25.00</i>
<i>Surgical Counts.....</i>	<i>\$40.00</i>
<i>AST student membership.....</i>	<i>\$45.00</i>
<i>Liability Insurance.....</i>	<i>\$12.00</i>
<b>Total Estimated Cost including Gen. Ed Classes .....</b>	<b>\$3211.00</b>

**4<sup>th</sup> semester Surgical Technology Courses only:**

Tuition: (In-State) Full-time (9 hours credit) .....	\$1584.00
Technology Fee .....	\$16.00
Student Gov. Fee .....	\$3.00
Program Fee.....	\$19.00
International Fee.....	\$15.00
<i>Surgical Technology Courses (6 credit hours) .....</i>	<i>\$1056.00</i>
<b>Total Estimated Cost including Gen. Ed Classes .....</b>	<b>\$2693.00</b>

**\*\*General Education courses required for the Surgical Technology Degree**

**32 credit hours =\$5,560.00**

**\*\*Surgical Technology courses required for Surgical Technology Degree**

**27 credit hours=\$4752.00**

**\*\*\*\*Being a student member reduces the cost of the CST exam to \$190.00. All students must take the CST exam as part of ARCSTSA program outcomes.**

[https://www.ast.org/members/student\\_members/](https://www.ast.org/members/student_members/)

<https://www.nbstsa.org/cst-certification>

<https://www.surgicalcounts.com/about.php>

Other expenses acquired in the Surgical Technology Program include, but are not limited to are as follows:

- A minimum of two uniforms
- Leather or leather like shoes (water resistant)
- Liability insurance (paid once a year)
- Reliable and independent transportation to and from clinical agencies
- Fees for Surgical Counts
- Radiation badge
- AST membership
- NBSTSA Practice Exam
- Criminal background checks and drug screens
- Physical examination
- CPR course
- Annual TB Skin Test
- CST Exam

Information concerning additional costs will be covered during new student orientation. The average cost of textbooks is between \$450.00 and \$550.00. There may be additional costs in the fourth semester. These could include additional background checks, composite photographs, licensure examination fee, etc.



## Surgical Technology Essential Functions and Technical Requirements

DSCC Surgical Technology students will be required to complete up to 120 clinical scrubs during their time in the program. Clinical scrubs are essential and necessary to successfully complete the program. Students will be expected to perform the following essential functions and technical requirements. While the following essential functions and technical requirements standards **are not conditions of admission to the program**, interested applicants are advised to carefully review and consider the following list to develop a better understanding of the physical and behavioral characteristics needed to successfully complete the program. DSCC strives to provide reasonable accommodations, where applicable, for students with disabilities. For more information about services for students with disabilities please follow this link, <https://www.dsc.edu/students-with-disabilities/>.

Please be reminded that the surgical climate is built to **prioritize and accommodate the safety of the patient**.

### Essential Functions and Technical Requirements:

- Effectively communicate with classmates, faculty, and members of the surgical team and associated departments when visualization of mouth/lips are restricted.
- Access information from books, reference manuals, computers, and paper, and electronic medical documents to accurately perform duties and safely use equipment.
- Safely access, prepare, and operate equipment and supplies in a variety of settings and pressured situations.
- Assist with transport and transfer of patient and/or equipment. *Please note instrument trays may weigh up to 45 pounds.*
- Assist with surgical procedures for prolonged periods without nourishment or restroom breaks.
- Safely perform tasks such as, loading a fine (10-0) suture onto needles and needle holders while wearing safety glasses, requiring fine motor control and corresponding hand-eye coordination.
- Prioritize, organize, and utilize time-management skills to perform tasks such as, but not limited to, appropriately tracking surgical supplies and performing anticipation skills intraoperatively.
- Utilize instruments, supplies, and equipment safely within the operating suite.
- Respond appropriately to activation and warning signals on equipment.
- Detect and respond appropriately to odors in order to maintain environmental safety and patient needs.
- Perform or assist with and/or transfer, lift, move, position, and manipulate and unconscious patient, either before, during or after surgical procedure.
- Demonstrate positive, professional interpersonal skills during interactions with patients, staff, faculty, and health care team members.
- Demonstrate appropriate professional and procedural judgment decisions under stressful and/or emergency conditions such as an unstable patient condition, emergent demands such as stat test orders, and a distracting environment with possible high noise levels and complex visual stimuli.
- Recognize potentially hazardous materials, equipment, and situations and proceed safely in order to minimize risk of injury to patient, self, and nearby individuals by referencing, utilizing and adhering to OSHA requirements.

- Prioritize, organize, and utilize time-management skills to perform tasks such as, but not limited to, appropriately tracking surgical supplies and performing anticipation skills intraoperative.

### **Occupational Risks**

The Surgical Technology Program involves clinical experiences in which a student may be assigned to administer care to individuals who are HIV seropositive or who have ARC or AIDS. Students are expected to treat all patients with concern and dignity inherent in the ANA Ethical Code of Conduct and Professional Standards of Practice. Students are expected to initiate and follow all recommended guidelines for "Prevention of HIV Transmission in Health Care Settings" published by the United States Department of Health and Human Services Center for Disease Control, <https://www.cdc.gov/mmwr/preview/mmwrhtml/00023587.htm>. Prior to any contact with patients for clinical experiences, students will attend the hospital

### **INFECTIOUS DISEASES**

Each clinical facility is expected to practice universal precaution procedures in the care of patients with infectious diseases. The Surgical Technology student is educated in and is expected to be knowledgeable in the practice of these precautions and care for these patients.