LAMAR STATE COLLEGE-PORT ARTHUR
A Member of The Texas State University System

SURGICAL TECHNOLOGY PROGRAM

Fall 2025

APPLICATION DEADLINE… June 12, 2025

Pre-Admission Exam & Applicant Interview Form
Applicant must complete these between June 2, and
June 12, 2025, in the Student Success Center

Dear Applicant:

Thank you for your interest in the Lamar State College-Port Arthur Surgical Technology Program (LSC-PA STP). Surgical technologists work with the surgeon and other members of the health care team to provide care to patients who are undergoing invasive therapeutic and diagnostic procedures. Surgical Technologists are listed among the "Top 25" fastest growing occupations in Texas.

Surgical technology demands organizational skills and manual dexterity. The knowledge and skills necessary for successful practice as a surgical technologist are developed with a strong foundation of theory acquired in the classroom and skills lab enhanced through "hands-on" experience in the clinical setting,

This advisement packet is designed to answer common questions, outline program requirements, and provide you with the following items:

I.   Application and procedure for admission to the Surgical Technology Program.
II.   Information about the required health exam.
III.   Guidance to obtain financial aid.
IV.   Program of study.

Please review the enclosed information carefully. If you have any questions, please call the Allied Health Administrative Assistant at 409-984-6356 (1-800-477-5872 ext. 6356). I am available at LSC-PA by calling 409-984-6367 (1-800-477-5872 ext. 6367). The faculty and I look forward to receiving your application.

Sincerely,

Donnis T. Hunter, Jr.

Donnis T. Hunter, Jr., LVN, CST, SA-C
Surgical Technology Program Coordinator/Director

P.O. Box 310 · Port Arthur, Texas 77641-0310
Phone 409-983-4921 · 1-800-477-5872

Lamar State College-Port Arthur
Surgical Technology Program

The Lamar State College-Port Arthur Surgical Technology Program is a competency-based program designed to prepare its graduates to work in the health care setting providing care to people undergoing surgery or invasive diagnostic procedures.

The Surgical Technology Program at LSC-PA focuses on the care of surgical patients, uses of surgical instruments and aseptic technique. The <u>Associate of Applied Science Degree</u> in Surgical Technology promotes a balance of the biomedical sciences, professional training and the social sciences, including both behavioral and information science. This program prepares competent surgical technologists for the health care work force.

ADMISSION REQUIREMENTS

Admission to the Surgical Technology Program at Lamar State College-Port Arthur is a two-phase process. During **Phase I**, the student must complete the following step:

I.   Complete the application process for general admission to Lamar State College-Port Arthur by applying on line via www.applytexas.org.

During **Phase II**, the student must complete the following steps:

II.   Review the application process for the Surgical Technology Program.
         A.   **Step One**: Successfully complete pre-requisite courses with a minimum grade of C:
                  BIOL 2301 + BIOL 2101 (BIOL 2401)-Human Anatomy & Physiology I
                  BIOL 2302 + BIOL 2102 (BIOL 2402)-Human Anatomy & Physiology II
                  BIOL 2320 + BIOL 2120 (BIOL 2420)-Microbiology for Non-Science Majors
                  HITT 1305-Medical Terminology I
                  *NURA 1301-Nurse Aide for Health Care Organizations I
                  *NURA 1160-Clinical Nursing Assistant/Aide

                  *NOTE: Students who do not have four college credit hours in NURA 1301 and NURA 1160 or its equivalent, may complete a two-part Credit by Examination. To be eligible to take this exam, the student must have an **active status with the Texas Certified Nurse's Aide Registry, high school CNA course credit or non-licensed direct care staff work history verified by an employer.** Also, the student must be currently enrolled in at least one course on the LSCPA campus the semester the student takes the Credit by Exam or must enroll in courses on the LSCPA campus the following semester. Students take the same comprehensive final as those students enrolled in the previous semester. This exam is a **two-part process**. The **first part** is a written exam. A student must score at least **80 percent** on the written exam. If the student is successful, then he/she must complete the second or skills portion of the exam. Upon successful completion of both parts of the Credit by Exam, the student's letter grade equivalent of his/her exam score will appear on his/her LSCPA transcript. A student has only one opportunity to test out of this course.

                  The NURA Credit by Examination is offered six times a year. The exam is scheduled twice in the fall semester (September and November), twice in the spring semester (February and April), and twice in the summer semester (June and July/August). Please contact personnel in the Allied Health Department at 409-984-6356 for exact exam dates and times.

                  A student must earn a "C" or better in <u>ALL</u> pre-requisite, co-requisite, and surgical technology courses as well as maintain an overall 2.0 Grade Point Average and be eligible to write the National Certified Surgical Technologist Exam to graduate. Please note that all surgical technology courses (SRGT) require a minimum score of 75% for a grade of "C".

B.   **Step Two**: Complete the surgical technology application packet. The following forms should be completed and submitted with the required documentation:

by mail to:	**OR hand delivered to:**
Surgical Technology Program Standards Committee Lamar State College-Port Arthur P O Box 310 Port Arthur TX 77641-0310	Lamar State College-Port Arthur Allied Health Department 1701 Procter Street Port Arthur TX 77640

1.   Application to the Surgical Technology Program.

2.   Record of Course Completion - **Copies** of official transcripts or degree audit from Degree Works to include:
    A.   Transcript(s) or degree audit of all college work completed
          These must be attached to the student's program application upon submission to the LSCPA Allied Health Department. *No application will be reviewed unless all transcripts and transcript evaluations are submitted.*
    B.   Pre-requisites in progress at the time of the application deadline will not be considered or included in the initial admission rating scale. Once completed and final grade is available, the student is responsible for updating the application. Once the student submits a final grade report or unofficial transcript, the admission rating scale will be updated.

3.   Report verifying that the student has satisfied the TSI requirements (unless the student is exempt prior to admission) – **Note: This information usually appears on your official college transcripts or degree audit from Degree Works.**

      The TSI Assessment Exam is a comprehensive computerized adaptive testing system that helps place students into appropriate college credit courses or developmental courses. The TSI rules were revised by the Texas Higher Education Coordinating Board on January 11, 2021.
      - The TSI Assessment Exam must be taken before enrolling in any college credit bearing course unless you are exempt.
      - WHO IS EXEMPT FROM TAKING THE EXAM? There are exemptions. It is important that you check on the website at www.lamarpa.edu for the most current information on TSI Assessment, testing, placement, and exemptions.
      - For further information about whether and when you must be tested, please contact the advising office at 984-6186.

4.   NOTE: Students must be CPR certified before attending clinical in October. LSC-PA Instructors do teach a CPR class prior to clinical. The cost is approximately $45 for initial certification and approximately $25 for a renewal card.

5.   Voluntary Survey

C.   **Step Three**: Pre-Admission Exam and Applicant Interview Form

      Students applying to the Surgical Technology Program **must report to the Student Success Center between June 2, and June 12, 2025**, to take the Pre-Admission Exam and to fill out the Applicant Interview Form. You may also contact personnel in the **Student Success Center at 409-984-6244 to schedule an appointment** to take the exam and complete the Applicant Interview Form.

      The Pre-Admission Exam is a 100-question test that has 20 questions from each of the five prerequisite classes required for admission. This exam is used to determine how well you retained the information from the five prerequisite courses. Your grade on the exam will be a part of your admission rating scale score. The Applicant Interview Form is used to gauge language, reading, and writing ability. This form also helps us determine your expectations of learning and job placement.

Lamar State College Port Arthur
Surgical Technology Program Admission Rating Scale

NOTE: This page explains the procedure in which we calculate your score for admission into the Surgical Technology Program.

During Phase II of the admission process, students who have submitted a complete Admission packet are ranked according to their scores on the 11-item Admission Rating Scale (see below). This scale has been developed by the Surgical Technology Standards Committee composed of surgical technology faculty. The goal of this committee is to select the best qualified applicants available in any given admission period. The applicants with the highest scores will be admitted to the program. Lamar State College-Port Arthur is an open access institution.

Courses	Semester	Grade	Points
BIOL 2401 (BIOL 2301 + BIOL 2101) Human Anatomy & Physiology **BIOL 2401:** A = 4, B = 2.75, C = 1.5; or **BIOL 2301:** A = 3; B = 2; C = 1; **BIOL 2101:** A = 1; B = 0.75; C = 0.5	Fall 2020	B, A	2+1=3
BIOL 2402 (BIOL 2302 + BIOL 2102) Human Anatomy & Physiology **BIOL 2402:** A = 4, B = 2.75, C = 1.5; or **BIOL 2302:** A = 3; B = 2; C = 1; **BIOL 2102:** A = 1; B = 0.75; C = 0.5	Spring 2021	A, C	3+.5=3.5
BIOL 2420 (BIOL 2320 + BIOL 2120) Introductory Microbiology **BIOL 2420:** A = 4, B = 2.75, C = 1.5; or **BIOL 2320:** A = 3; B = 2; C = 1; **BIOL 2120:** A = 1; B = 0.75; C = 0.5	Fall 2022	A, B	3+.75=3.75
VN 1410 Basic Nursing or NURA 1301 Nurse Aide for Health Care Organizations I /NURA 1160 Clinical – Nursing Assistant/Aide **NURA 1301**: A = 3 B = 2 C = 1 **NURA 1160**: S, A, B, C = 1	Fall 2022	B, S	2+1=3
HITT 1305 Medical Terminology A = 3 B = 2 C = 1	Fall 2022	A	3
SPCH 1315 Public Speaking A = 3 B = 2 C = 1	Fall 2020	B	2
Elective (Fine Arts or Humanities - 3 cr hr) ARTS 1301 A = 3 B = 2 C = 1	Spring 2021	B	2
Elective (Social/Behavioral Science - 3 cr hr) PSYC 2314 A = 3 B = 2 C = 1	Fall 2022	A	3
BCIS 1305 – Business Computer Information Systems OR ITSC 1401 – Introduction to Computers **BCIS 1305**: A = 3 B = 2 C = 1 **ITSC 1401**: A = 4 B= 3 C= 2	Fall 2020	A	3

Number of Academic Courses completed with a "C" or better
   (1 point each)
   1-9 hrs = **1 pt**   10-19 hrs = **2 pts**
   20-27 hrs = **3 pts**   28+ hrs = **4 pts**
		# of Credit Hrs
		
		24
			3

Active Status in LSCPA Allied Health Society (**2 pts**; Additional 1 point for Officer)	**Yes**	**No**	2
Pre-Admission Examination Score	85		
Applicant Interview Form Complete **(Circle one)**	**Yes**	**No**	
TSI Complete Math **(Circle one)**	**Yes**	**No**	
TSI Complete Reading **(Circle one)**	**Yes**	**No**	
TSI Complete Writing **(Circle one)**	**Yes**	**No**	
TOTAL SCORE			31.25

APPLICATION DEADLINE… June 12, 2025

<u>Pre-Admission</u> <u>Exam</u> & <u>Applicant</u> <u>Interview</u> <u>Form</u>
**Applicant must complete between June 2, and June 12, 2025
in the Student Success Center**

All applicants who have complete files are notified via email of acceptance or rejection by July 10, 2025. If you do not receive an email by July 15, please contact Allied Health Department Administrative Assistant at 409-984-6356. Again, please wait until after July 15, 2025, to call.

STUDENT WORK POLICY

All student activities associated with the curriculum, especially while students are completing clinical rotations, will be educational in nature. Students will not receive any monetary remuneration during this educational experience, nor will the students be substituted for hired staff personnel within the clinical institution, in the capacity of a surgical technologist during clinical hours. Students may participate in any work activity they choose after class or clinical hours. Students should not work the shift immediately preceding clinical. Students working in uniforms must not display their school patch, uniform, or pin at anytime while working in any setting (as volunteer or for monetary remuneration). Working students are expected to maintain satisfactory grades and clinical performance. No allowances are made for failure to meet program criteria.

HEALTH EXAM

After acceptance into the Surgical Technology Program, students are required to have a physical examination at their own expense by the physician of their choice. Immunizations are available at the Port Arthur Health Department. The exam and any required immunizations must be completed before students begin their clinical.

A new regulation of the Texas Department of Health requires that each student complete the Hepatitis B vaccination series prior to contact with patients or show serologic confirmation of immunity to the virus. It takes six months to complete the three-shot series so students who have not had the vaccinations should get them as soon as possible.

DRUG SCREEN

Students will be required to submit to a drug screen (at students' expense) in order to be fully admitted into the LSCPA Surgical Technology Program. Students must use the agency designated by Lamar State College-Port Arthur to obtain their drug screen. Currently the drug screen costs approximately $30. Drug screens may not be completed more than 30 days prior to, nor less than 10 days before the first day of class. Information for the drug screen will be part of the students' program acceptance packet.

STUDENT POLICY REGARDING HIV STATUS

Effective September 1, 1991, the State of Texas bill, HB 7, imposed on all Texas health care professionals various requirements designed to prevent the transmission of HIV from health care workers to their clients. Under this law, health care workers include "individuals in the course of training or educational program in the health professions." Thus, the law applies to all the surgical technology students at Lamar State College-Port Arthur during the time they are involved in client care.

It is each LSC-PA student's responsibility to understand the legal and professional/ ethical ramifications of the law <u>and</u> to comply with the law's requirements. In general, the law requires that all health care workers adhere to Standard Precautions and that individuals with exudative lesions (draining sores) or weeping dermatitis (reddened areas that leak clear fluid) refrain from direct client care and the handling of client equipment and devices used in invasive procedures until the condition resolves. To ensure that all students are familiar with Standard Precautions, a course in Standard Precautions is included in the Surgical Technology program.

BACTERIAL MENINGITIS VACCINATION

Bacterial Meningitis Vaccination is required for all new students under age 22. This includes ALL transfer students and students that have taken either a fall or spring semester off from college. All first-time freshman,

transfer students, and students who have taken a leave of absence from school in either a fall or spring semester must have received this vaccination during the five-year period immediately preceding <u>and at least 10 days prior to the first day of the semester enrolled or re-enrolled.</u>

BACKGROUND CHECKS

<u>**At the time of acceptance**</u> into the LSC-PA Surgical Technology Program a student must undergo a criminal background check. This is completed through the agency designated by the Allied Health Department and at the student's expense (current cost is approximately $40.00). This background check is required by the clinical facilities which provide direct patient care experience to LSC-PA students. This ensures uniform compliance with Joint Commission standards pertaining to human resource management. Successful completion of a background check does not guarantee certification or employment after graduation. Full acceptance into the surgical technology program is contingent upon satisfactory results.

MALPRACTICE INSURANCE

Students are required to maintain malpractice insurance during the surgical technology program. At the time of acceptance, a student must submit a receipt from the LSC-PA Business Office verifying the payment of the required fee (approximately $4.35 each semester) along with the confirmation of acceptance reply form.

FINANCIAL AID

Financial Aid consists of donations and several programs funded by federal and state governments to help college students defray expenses while attending college. The types of financial aid available at Lamar State College-Port Arthur are:

Scholarships – Money awarded to cover a portion of a student's expenses through funds donated to the college
Grants - Money awarded that is not repayable
Work Study - Money the student earns through employment at the college
Stafford Student Loans – Student loans that must be repaid and are available to undergraduate students

To apply for financial aid, you must complete and mail the **Free Application for Federal Student Aid (FAFSA)** provided by the College Scholarship Service to determine if you are eligible for aid. The form is available in the Office of Student Financial Aid or you may complete the application online at https://fafsa.ed.gov/. For more information on scholarships or to apply; contact the Admissions Advisors office in the Student Center.

Anyone who will need financial aid should obtain application forms from the Financial Aid Office at Lamar State College-Port Arthur and <u>**APPLY**</u> for it <u>**NOW**</u>. It takes approximately eight weeks to process the financial aid application so you should **APPLY AS SOON AS POSSIBLE!** Do not wait until you are accepted into the program or your money will not arrive in time for registration.

Students are expected to meet established standards for academic progress to remain eligible for financial aid. Complete information about those standards is available from the Financial Aid Office.

ACCREDITATION

The STP at Lamar State College-Port Arthur is accredited through the Commission on Accreditation of Allied Health Education Programs (CAAHEP). CAAHEP can be contacted at:

Commission on Accreditation of Allied Health Education Programs
9355 - 113th St. N, #7709
Seminole, FL 33775
Phone: 727-210-2350
Fax: 727-210-2354
Email: mail@caahep.org

PROGRAM OUTCOMES

The Surgical Technology Program provides education for entry-level competency into the profession of surgical technology. At the time of completion, a student should have approximately 750 hours in an operating room setting and 120 cases of surgical experience.   The Surgical Technology Program provides educational experiences that offer opportunities for the student to:

1.   Develop a surgical consciousness that promotes maintenance of the sterile field.

2.	Demonstrate basic surgical case preparation skills.
3.	Perform the role of first scrub on all basic surgical cases.
4.	Apply a systematic problem-solving process in providing care to clients undergoing surgery.
5.	Practice within the legal and ethical framework of the surgical technologist.
6.	Accept responsibility for practicing self-evaluation, self-development, and continuing education.
7.	Apply effective communication skills to maintain interpersonal relationships.
8.	Assume responsibility for increasingly complex skills and self-directed learning.
9.	Collaborate with clients, families, and other members of the surgical care team in providing care to clients undergoing surgical procedures.
10.	Support the ethical values of the surgical technologist by being accountable and responsible for one's own practice and actions.
11.	Support professional surgical technology organizations.

CERTIFICATION

Students who complete the Surgical Technology Program coursework as well as meet all other requirements are entitled to take the national certifying exam through the National Board of Surgical Technology and Surgical Assisting (NBSTSA). Qualifying students will take the NBSTSA certifying exam at the end of Level 3 of the Surgical Technology Program. A student successfully passing the NBSTSA certifying exam will acquire the credential of Certified Surgical Technologist (CST) upon graduation.

CST CREDENTIAL

To use the designation of CST (Certified Surgical Technologist) one must pass the exam and every two years renew the certification. The current requirement is 30 hours of continuing education every 2 years for certification renewal, or you may take the CST exam. This serves as validation and documentation of the surgical technologist's qualifications.

CLINICAL CASE REQUIREMENTS FOR GRADUATION

FIRST SCRUB: (All Five Criteria)
1.	Verify supplies and 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 circulator prior to the procedure and before the incision is closed
4.	Pass instruments and 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: (active participant in entire case- not met all criteria for first scrub but has completed any of the following)
1.	Sponging
2.	Suctioning
3.	Cutting Suture
4.	Holding Retractors
5.	Manipulating Endoscopic Camera

OBSERVATION: (Student did not met criteria for first or second scrub)
	Student observing case in the OR is not counted toward required case count, but is documented by the program.

Clinical procedure sheets are to be completed and signed each day before leaving the hospital.
Students are expected to complete a total of 120 scrubbed procedures during the combined semesters of SRGT 1461 Clinical Practice I and SRGT 1462 Clinical Practice II.

The total number of cases the student must complete is 120.
Students are required to complete 30 cases in General Surgery.
Twenty of the cases must be First Scrub Role.
Students are required to complete 90 cases in various surgical specialties.
Sixty of the cases must be First Scrub Role and evenly distributed between a minimum of four surgical specialties.

The Surgical Technology Program is required to verify through the surgical rotation documentation the student's progression in First and Second Scrubbing surgical procedures of increased complexity as he/she moves toward entry level graduate abilities.

Diagnostic endoscopy cases and vaginal delivery cases are not mandatory, but up to 10 diagnostic endoscopy cases and 5 vaginal delivery cases can be counted toward the maximum number of second scrub role cases.
Observation cases must be documented, but do not count toward the 120 required cases.

COUNTING CASES: Cases will be counted according to surgical specialty. Examples: Trauma patients that require a splenectomy and a repair of a Lefort 1 fracture. Two cases can be counted and documented since the splenectomy is in the general surgery specialty and the repair of the Lefort I fracture is Oral-maxillofacial specialty. Patients require a breast biopsy followed by mastectomy. It is one pathology, breast cancer, and the specialty is general surgery; therefore it is counted and documented as one procedure-one case.

Students not completing a minimum of 120 cases scrubbed in General, Genitourinary, Gynecology, Orthopedic, and Ear, Nose and Throat (ENT) surgeries will be reviewed by the (NBSTSA) National Board of Surgical Technology and Surgical Assisting to determine eligibility to test for certification.

Lamar State College-Port Arthur
Surgical Technology Program Associate of Applied Science Degree

Course #	Pre-Requisite Courses	Credit Hours	
NURA 1301	Nurse Aide for Health Care Organizations I		3
NURA 1160	Clinical - Nursing Assistant/Aide		1
BIOL 2301 + BIOL 2101 (BIOL 2401)	Human Anatomy and Physiology I		4
BIOL 2302 + BIOL 2102 (BIOL 2402)	Human Anatomy and Physiology II		4
BIOL 2320 + BIOL 2120 (BIOL 2420)	Introduction to Microbiology		4
HITT 1305	Medical Terminology I		3
SPCH 1315	Public Speaking		3
		22 Total Credit Hours	
Course #	Fall	Credit Hours	
SRGT 1405	Introduction to Surgical Technology		4
SRGT 1409	Fundamentals of Perioperative Concepts and Techniques		4
SRGT 1360	Clinical - Surgical/Operating Room Technology		3
ELECTIVE	Social/Behavioral Science Elective		3
		14 Total Credit Hours	
Course #	Spring	Credit Hours	
SRGT 1541	Surgical Procedures I		5
SRGT 1461	Clinical - Surgical/Operating Room Technology		4
BCIS 1305	Business Computer Application		3
ELCT	Elective- Fine Arts or Humanities		3
		15 Total Credit Hours	
Course #	Summer (I & II Combined)	Credit Hours	
SRGT 1442	Surgical Procedures II		4
SRGT 1462	Clinical - Surgical/Operating Room Technology		4
SRGT 2130	Professional Readiness		1
		9 Total Credit Hours	
	60 Total Program Hours		

Lamar State College - Port Arthur is an equal opportunity/affirmative action institution that does not discriminate based on race, color, sex, religion, age, disability, or ethnic origin.

HITT 1305 Medical Terminology I

Course Description: A study of word origin and structure through the introduction of prefixes, suffixes, root words, plurals, abbreviations and symbols. Surgical procedures, medical specialties and diagnostic procedures.
NOTE: Student must complete course with grade of "C" or better.

Course Learning Outcomes: The student will identify, spell, pronounce, and define root words, prefixes, and suffixes utilized in a basic medical-surgical vocabulary; build basic medical terms using prefixes, suffixes, root words, and combining forms; and define medical terms related to anatomy, physiology, laboratory tests, surgery, pathology, and radiology.

NURA 1301 Nurse Aide for Health Care Organizations I

Course Description: Preparation for entry level nursing assistants to achieve a level of knowledge, skills, and abilities essential to provide basic care to residents of long-term care facilities. Topics include resident's rights, communication, safety, observation, reporting and assisting residents in maintaining basic comfort and safety. Emphasis is on effective interaction with members of the health care team.

Learning Outcomes: The student will provide basic care to residents in a long-term care facility; communicate and interact effectively with residents and their families based on sensitivity to the psychosocial needs; and assist residents in attaining and maintaining basic comfort and safety. The student will protect, support, and promote the rights of the residents; provide safety and preventive measures in the care of residents; demonstrate skills in observing and reporting; and function effectively as a member of the health care team.

Mandatory Co-requisite: NURA 1160 Clinical - Nursing Assistant/Aide

NURA 1160 Clinical - Nursing Assistant/Aide

Course Description: A method of instruction providing detailed education, training and work-based experience, and direct patient/client care, generally at a clinical site. Specific detailed learning objectives are developed for each course by the faculty. On-site clinical instruction, supervision, evaluation, and placement are the responsibility of the college faculty. Clinical experiences are unpaid external learning experiences. Course may be repeated if topics and learning outcomes vary.

Course Learning Outcomes: As outlined in the learning plan, the student will apply the theory, concepts, and skills involving specialized materials, equipment, procedures, regulations, laws, and interactions within and among political, economic, environmental, social, and legal systems associated with the particular occupation and the business/industry; demonstrate legal and ethical behavior, safety practices, interpersonal and teamwork skills, communicating in the applicable language of the occupation and the business or industry.

Mandatory Co-requisite: NURA 1301 Nurse Aide for Health Care Organizations I

SRGT 1405 Introduction to Surgical Technology

Course Description: Orientation to surgical technology theory, surgical pharmacology and anesthesia, technological sciences and patient care concepts.

Course Learning Outcomes: The student will explain the physical, interpersonal, and ethical aspects of the operating room environment; relate basic concepts of surgical pharmacology and anesthesia; and identify and demonstrate patient care concepts.

Pre-requisites: BIOL 2301 + BIOL 2101 (BIOL 2401) Human Anatomy and Physiology I
                    BIOL 2302 + BIOL 2102 (BIOL 2402) Human Anatomy and Physiology II
                    BIOL 2320 + BIOL 2120 (BIOL 2420) Introduction to Microbiology
                    HITT 1305 Medical Terminology I

Mandatory Co-requisite(s):   SRGT 1360 – Clinical
                    SRGT 1409 – Fundamentals of Perioperative Concepts and Techniques

SRGT 1409 Fundamentals of Perioperative Concepts and Techniques

Course Description: In-depth coverage of perioperative concepts such as aseptic principles and practices, infectious processes, wound healing, and creation and maintenance of the sterile field.

Course Learning Outcomes: The student will identify and 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.

Mandatory Co-requisite: SRGT 1360 Clinical

SRGT 1360 Clinical – Surgical Technology
Course Description: Health-related, work-based experience that enables the student to apply specialized occupational theory, skills, and concepts. Direct supervision is provided by the clinical professional.

Course Learning Outcomes: As outlined in the learning plan, the student will apply the theory, concepts, and skills involving specialized materials, equipment, procedures, regulations, laws, and interactions within and among political, economic, environmental, social, and legal systems associated with the particular occupation and the business/industry; demonstrate legal and ethical behavior, safety practices, interpersonal and teamwork skills, communicating in the applicable language of the occupation and the business or industry.

Mandatory Co-requisite: SRGT 1405 - Introduction to Surgical Technology
                                     SRGT 1409 - Fundamentals of Perioperative Concepts and Techniques

SRGT 1541 Surgical Procedures I
Course Description: Introduction to surgical pathology and its relationship to surgical procedures. Emphasis on surgical procedures related to the general, OB/GYN, genitourinary, and orthopedic surgical specialties incorporating instruments, equipment, and supplies required for safe patient care.

Course Learning Outcomes: The student will relate the relevant anatomy and pathology to indications for selected surgical procedures; summarize patient preparation for selected surgical procedures; select appropriate instruments, equipment, and supplies and reconstruct the sequence for selected surgical procedures; and identify expected outcomes and possible complications for selected procedures.

Mandatory Prerequisites: SRGT 1405 Introduction to Surgical Technology
                                     SRGT 1409 Fundamentals of Perioperative Concepts and Techniques
                                     SRGT 1360 Clinical
Mandatory Co-requisite: SRGT 1461 Clinical

SRGT 1461 Clinical – Surgical Technology
Course Description: **Health-related,** work-based experience that enables the student to apply specialized occupational theory, skills, and concepts. Direct supervision is provided by the clinical professional.

Course Learning Outcomes: As outlined in the learning plan, the student will apply the theory, concepts, and skills involving specialized materials, equipment, procedures, regulations, laws, and interactions within and among political, economic, environmental, social, and legal systems associated with the particular occupation and the business/industry; demonstrate legal and ethical behavior, safety practices, interpersonal and teamwork skills, communicating in the applicable language of the occupation and the business or industry.

Mandatory Co-requisite: SRGT 1541 Surgical Procedures I

SRGT 1442 Surgical Procedures II
Course Description: Introduction to surgical pathology and its relationship to surgical procedures. Emphasis on surgical procedures related to the thoracic, peripheral vascular, plastic/reconstructive, EENT, cardiac, and neurological surgical specialties incorporating instruments, equipment, and supplies required for safe patient care.

Course Learning Outcomes: The student will relate the relevant anatomy and pathology to indications for selected surgical procedures; summarize patient preparation for selected surgical procedures; select appropriate instruments, equipment, and supplies and reconstruct the sequence for selected surgical procedures; and identify expected outcomes and possible complications for selected procedures.

Mandatory prerequisite: SRGT 1405 - Introduction to Surgical Technology
                                     SRGT 1409 - Fundamentals of Perioperative Concepts and Techniques
                                     SRGT 1360 Clinical
                                     SRGT 1541 Surgical Procedures I
                                     SRGT 1461 Clinical
Mandatory Co-requisite: SRGT 2130 Professional Readiness
                                     SRGT 1462 Clinical

SRGT 1462 Clinical - Surgical/Operating Room Technician
Course Description: A method of instruction providing detailed education, training and work-based experience and direct patient/client care, generally at a clinical site. Specific detailed learning objectives are developed for each course by the faculty. On-site clinical instruction, supervision, evaluation and placement are the responsibility of the college faculty. Clinical experiences are unpaid external learning experiences. Course may be repeated if topics and learning outcomes vary.

Course Learning Outcomes: As outlined in the learning plan, the student will apply the theory, concepts, and skills involving specialized materials, equipment, procedures, regulations, laws, and interactions within and among political, economic, environmental, social, and legal systems associated with the particular occupation and the business/industry; demonstrate legal and ethical behavior, safety practices, interpersonal and teamwork skills, communicating in the applicable language of the occupation and the business or industry.

Mandatory Co-requisite: SRGT 1442 Surgical Procedures II
                                                      SRGT 2130 Professional Readiness

SRGT 2130 – Professional Readiness

Course Description: Exploration of issues and situations faced as surgical technologists. Topics include job-seeking skills and written professional portfolios, pros/cons of malpractice insurance, reality shock of employment, coping with issues of death and dying, organ procurement issues, and preparation for national certification. A capstone experience may be included.

Course Learning Outcomes: Demonstrate competency in each of the topics and procedures presented.

Mandatory Co-requisites: SRGT 1442 Surgical Procedures II
                                                      SRGT 1462 Clinical

LAMAR STATE COLLEGE-PORT ARTHUR
Surgical Technology

ESTIMATED PROGRAM FEES
(Based on Spring 2023 Tuition and Fees)

Prerequisite Courses
Tuition and fees	$3,050
Seahawk Book Bundle	$ 550
Total	$3,600

Fall Semester
Tuition and fees	$ 1,725
Physical exam	$ 250
Student Liability Insurance	$ 25
Uniform	$ 250
Seahawk Book Bundle	$ 350
Supplies and workshop	$ 200
Total	$ 2,800

Spring Semester
Tuition and fees	$ 1,845
Seahawk Book Bundle	$ 375
Total	$ 2,220

Summer I + II:
Tuition and fees	$ 1,135
Seahawk Book Bundle	$ 225
Standardized exit exam	$ 250
Certification exam	$ 200
Cap, gown and diploma	$ 100
Pictures	$ 50
AST student membership fee	$ 50
Total	$ 2,010

Grand Total	$10,630

LAMAR STATE COLLEGE-PORT ARTHUR
SURGICAL TECHNOLOGY PROGRAM
APPLICATION – FALL 2025 CLASS

Name: _____
       (First)   (Middle)   (Last)

Address: _____
       (Number, Street)

_____
    (City)   (State)   (Zip)

Social Security # _____   LSCPA ID# _____

Telephone: (_____)_____   Cell# (_____)_____

E-mail: _____

In Case of emergency contact: _____
                   (Name)

_____
    (City, State)   (Contact #)

Have you ever attended an Allied Health Program? YES _____   NO _____

If Yes, Where Attended _____

If you did not complete the program, please explain: _____

_____

Have you taken classes at Lamar State College-Port Arthur? YES _____ NO _____

List all other institutions of higher education that you have attended.

_____

_____

_____

Do you have a certificate/Degree in another field?   YES _____   NO _____

What field? _____

I certify that the above statements are true.

_____   _____

Signature of Applicant   Date

Lamar State College-Port Arthur
Surgical Technology Program Admission Rating Scale

Note: Complete this page and turn it in with copies of your official transcripts or degree audit from Degree Works. This document will be verified by LSCPA Surgical Technology application reviewers. **(Note: Please make a copy of this document to retain for your records.)**

Name:		LSCPA SID: P		

Courses	Semester	Grade	Points
BIOL 2401 (BIOL 2301 + BIOL 2101) Human Anatomy & Physiology **BIOL 2401:** A = 4, B = 2.75, C = 1.5; or **BIOL 2301:** A = 3; B = 2; C = 1; **BIOL 2101:** A = 1; B = 0.75; C = 0.5			
BIOL 2402 (BIOL 2302 + BIOL 2102) Human Anatomy & Physiology **BIOL 2402:** A = 4, B = 2.75, C = 1.5; or **BIOL 2302:** A = 3; B = 2; C = 1; **BIOL 2102:** A = 1; B = 0.75; C = 0.5			
BIOL 2420 (BIOL 2320 + BIOL 2120) Introductory Microbiology **BIOL 2420:** A = 4, B = 2.75, C = 1.5; or **BIOL 2320:** A = 3; B = 2; C = 1; **BIOL 2120:** A = 1; B = 0.75; C = 0.5			
VN 1410 Basic Nursing or NURA 1301 Nurse Aide for Health Care Organizations I /NURA 1160 Clinical – Nursing Assistant/Aide **NURA 1301**: A = 3 B = 2 C = 1 **NURA 1160**: S, A, B, C = 1			
HITT 1305 Medical Terminology A = 3 B = 2 C = 1			
SPCH 1315 Public Speaking A = 3 B = 2 C = 1			
Elective (Fine Arts or Humanities - 3 cr hr) A = 3 B = 2 C = 1			
Elective (Social/Behavioral Science - 3 cr hr) A = 3 B = 2 C = 1			
BCIS 1305 – Business Computer Information Systems **OR** ITSC 1401 – Introduction to Computers **BCIS 1305**: A = 3 B = 2 C = 1 **ITSC 1401**: A = 4 B= 3 C= 2			
Number of Academic Courses completed with a "C" or better **(1 point each)** 1-9 hrs = **1 pt** 10-19 hrs = **2 pts** 20-27 hrs = **3 pts** 28+ hrs = **4 pts**		# of Credit Hrs	
Active Status in LSCPA Allied Health Society (**2 pts**; **Additional 1 point for Officer**)	**Yes**	**No**	
Pre-Admission Examination Score			
Applicant Interview Form Complete **(Circle one)**	**Yes**	**No**	
TSI Complete Math **(Circle one)**	**Yes**	**No**	
TSI Complete Reading **(Circle one)**	**Yes**	**No**	
TSI Complete Writing **(Circle one)**	**Yes**	**No**	
TOTAL SCORE			

LAMAR STATE COLLEGE-PORT ARTHUR

VOLUNTARY SURVEY

Government agencies **require** periodic reports on the sex, ethnicity, handicap, veteran and other protected status of applicants. This data is for analysis and possible affirmative action only.

Check one:
Male_____   Female_____

Age:_____   Date of Birth: _____

Check one of the following:

Race/Ethnicity Group:

White_____   Black_____   Hispanic _____

American Indian/Alaska Native _____

Asian_____

Native Hawaiian or Other Pacific Islander _____

Other (Specify) _____

Check if any one of the following is applicable:

Vietnam Era Veteran _____   Disabled Veteran_____   Handicapped_____