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 technicians 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 Secretary at 984-6356 (1-800-477-5872 ext. 6356). I am available at LSC-PA by calling 984-6367 (1-800-477-5872 ext. 6367). The faculty and I look forward to receiving your application.

Sincerely,

Brandon R. Buckner

Brandon Buckner, CST
Surgical Technology Program Director/Instructor
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 curricula of the Certificate Program in surgical technology emphasizes biomedical sciences and the development of technical skills. The Associate of Applied Science Degree in Surgical Technology promotes a balance of the biomedical sciences, professional training and the social sciences, including both behavioral and information science. Both routes prepare 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 online 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:** Lamar State College-Port Arthur Allied Health Department offers a two-part exemption exam for those students who are Certified Nurse’s Aides and have an active status with the Texas Certified Nurse’s Aide Registry. The exemption 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 skills portion of the exam. Upon successful completion of both parts of the exemption exam, a student will be exempted from taking NURA 1301 - Nurse Aide for Health Care Organizations I and NURA 1160 - Clinical for Nursing Assistant/Aide on the LSC-PA campus.

   The exam is administered three times per year – April, July, and November. A student must be currently enrolled in at least one course on the LSCPA campus during the semester the student plans to take the exam. Please contact the Allied Health Department at 984-6356 for exact exam dates and times.

   A student must earn a “C” or better in ALL 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 in order 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:**
   Surgical Technology Program Standards Committee
   Lamar State College-Port Arthur
   P O Box 310
   Port Arthur, TX 77641-0310

   **OR hand delivered to:**
   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 to include:
   A. Transcript(s) of all college work completed
      These must arrive in the Allied Health Department prior to the review of applications by
      the faculty. **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: These scores usually appear on your official college transcripts.**
   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 implemented by the Texas Higher Education Coordinating Board on August 22, 2013.
   • 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](http://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 7, and July 9, 2021**, in order 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 appoint 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.
NOTE: This page is for your information only. PLEASE DO NOT TURN IN THIS PAGE WITH YOUR APPLICATION. This document explains the procedure in which we calculate your admission rating score for the purpose of 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 8-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 the Surgical Technology Standards Committee is the selection of the best qualified applicants. The applicants with the highest scores will be admitted to the program. Lamar State College-Port Arthur is an open access institution. All slots will be filled with the most qualified applicants available in any given admission period.

<table>
<thead>
<tr>
<th>Name:</th>
<th>SS:</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Course:</th>
<th>Semester</th>
<th>Grade</th>
<th>Points</th>
</tr>
</thead>
</table>
| Human Anatomy & Physiology I  
BIOL 2301 + BIOL 2101 (BIOL 2401)  
A = 4  B = 3  C = 2 |
| Human Anatomy & Physiology II  
BIOL 2302 + BIOL 2102 (BIOL 2402)  
A = 4  B = 3  C = 2 |
| Introductory Microbiology  
BIOL 2320 + BIOL 2120 (BIOL 2420)  
A = 4  B = 3  C = 2 |
| Basic Nursing (NURA 1301 & NURA 1160)  
A = 4  B = 3  C = 2 |
| Medical Terminology (HITT 1305)  
A = 4  B = 3  C = 2 |
| Business Computer Application (BCIS 1305)  
A = 4  B = 3  C = 2 |
| **Total Credit Hours** of academic courses  
(Grade C or better, excluding prerequisites) |
| 1-9 hrs = 1  
10-19 hrs = 2  
20-27 hrs = 3  
28+ hrs = 4 |
| **Pre-Admission Examination Score** |
| **Applicant Interview Form Complete**  
Yes  No |
| **Total Score** |
| **TSI:**  
Reading:  
Math:  
Writing:  
Satisfied TSI?  Yes  No |
APPLICATION DEADLINE... July 9, 2021

Pre-Admission Exam & Applicant Interview Form
Applicant must complete between June 7, and July 9, 2021
in the Student Success Center

All applicants who have complete files are notified of acceptance or rejection by July 31, 2021. If you do not receive a letter, please contact Donna Wolfe at 984-6356. Please wait until after July 31, 2021, 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.

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 and 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 (redden 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 insure 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 and at least 10 days prior to the first day of the semester enrolled or re-enrolled.

BACKGROUND CHECKS

At the time of acceptance 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 $13.00) 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/](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 **APPLY for it NOW**. 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**
  25400 U. S. Highway 19 North, Suite 158
  Clearwater, FL 33763
  Phone: 727-210-2350
  Fax: 727-210-2354
  [mail@caahep.org](mailto: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.
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 four years renew the certification. The current requirement is 60 hours of continuing education every 4 years for certification renewal or you may take the CST exam. This serves as validation and documentation of the surgical technologist’s qualifications.
<table>
<thead>
<tr>
<th>Course #</th>
<th>Pre-Requisite Courses</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>NURA 1301</td>
<td>Nurse Aide for Health Care Organizations I</td>
<td>3</td>
</tr>
<tr>
<td>NURA 1160</td>
<td>Clinical - Nursing Assistant/Aide</td>
<td>1</td>
</tr>
<tr>
<td>BIOL 2301 + BIOL 2101 (BIOL 2401)</td>
<td>Human Anatomy and Physiology I</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 2302 + BIOL 2102 (BIOL 2402)</td>
<td>Human Anatomy and Physiology II</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 2320 + BIOL 2120 (BIOL 2420)</td>
<td>Introduction to Microbiology</td>
<td>4</td>
</tr>
<tr>
<td>HITT 1305</td>
<td>Medical Terminology I</td>
<td>3</td>
</tr>
<tr>
<td>SPCH 1315</td>
<td>Public Speaking</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td><strong>22 Total Credit Hours</strong></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Course #</th>
<th>Fall</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>SRGT 1405</td>
<td>Introduction to Surgical Technology</td>
<td>4</td>
</tr>
<tr>
<td>SRGT 1409</td>
<td>Fundamentals of Perioperative Concepts and Techniques</td>
<td>4</td>
</tr>
<tr>
<td>SRGT 1360</td>
<td>Clinical - Surgical/Operating Room Technology</td>
<td>3</td>
</tr>
<tr>
<td>ELECTIVE</td>
<td>Social/Behavioral Science Elective</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td><strong>14 Total Credit Hours</strong></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Course #</th>
<th>Spring</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>SRGT 1541</td>
<td>Surgical Procedures I</td>
<td>5</td>
</tr>
<tr>
<td>SRGT 1461</td>
<td>Clinical - Surgical/Operating Room Technology</td>
<td>4</td>
</tr>
<tr>
<td>BCIS 1305</td>
<td>Business Computer Application</td>
<td>3</td>
</tr>
<tr>
<td>ELCT</td>
<td>Elective- Fine Arts or Humanities</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td><strong>15 Total Credit Hours</strong></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Course #</th>
<th>Summer (I &amp; II Combined)</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>SRGT 1442</td>
<td>Surgical Procedures II</td>
<td>4</td>
</tr>
<tr>
<td>SRGT 1462</td>
<td>Clinical - Surgical/Operating Room Technology</td>
<td>4</td>
</tr>
<tr>
<td>SRGT 2130</td>
<td>Professional Readiness</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td><strong>60 Total Program Hours</strong></td>
<td></td>
</tr>
</tbody>
</table>

* Pending Board of Regents and Texas Higher Education Coordinating Board Approval

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.
<table>
<thead>
<tr>
<th>Course #</th>
<th>Pre-Requisite Courses</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>NURA 1301</td>
<td>Nurse Aide for Health Care Organizations I</td>
<td>3</td>
</tr>
<tr>
<td>NURA 1160</td>
<td>Clinical - Nursing Assistant/Aide</td>
<td>1</td>
</tr>
<tr>
<td>BIOL 2301 + BIOL 2101 (BIOL 2401)</td>
<td>Human Anatomy and Physiology I</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 2302 + BIOL 2102 (BIOL 2402)</td>
<td>Human Anatomy and Physiology II</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 2320 + BIOL 2120 (BIOL 2420)</td>
<td>Introduction to Microbiology</td>
<td>4</td>
</tr>
<tr>
<td>HITT 1305</td>
<td>Medical Terminology I</td>
<td>3</td>
</tr>
</tbody>
</table>

**Credit Hours - 19**

<table>
<thead>
<tr>
<th>Course #</th>
<th>Fall</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>SRGT 1405</td>
<td>Introduction to Surgical Technology</td>
<td>4</td>
</tr>
<tr>
<td>SRGT 1409</td>
<td>Fundamentals of Perioperative Concepts and Techniques</td>
<td>4</td>
</tr>
<tr>
<td>SRGT 1360</td>
<td>Clinical - Surgical/Operating Room Technology</td>
<td>3</td>
</tr>
</tbody>
</table>

**Credit Hours - 11**

<table>
<thead>
<tr>
<th>Course #</th>
<th>Spring</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>SRGT 1541</td>
<td>Surgical Procedures I</td>
<td>5</td>
</tr>
<tr>
<td>SRGT 1461</td>
<td>Clinical - Surgical/Operating Room Technology</td>
<td>4</td>
</tr>
<tr>
<td>BCIS 1305</td>
<td>Business Computer Application</td>
<td>3</td>
</tr>
</tbody>
</table>

**Credit Hours – 12**

<table>
<thead>
<tr>
<th>Course #</th>
<th>Summer (I &amp; II Combined)</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>SRGT 1442</td>
<td>Surgical Procedures II</td>
<td>4</td>
</tr>
<tr>
<td>SRGT 1462</td>
<td>Clinical - Surgical/Operating Room Technology</td>
<td>4</td>
</tr>
<tr>
<td>SRGT 2130</td>
<td>Professional Readiness</td>
<td>1</td>
</tr>
</tbody>
</table>

**Credit Hours - 9**

**Program Total Credit Hours - 51**

* Pending Board of Regents and Texas Higher Education Coordinating Board Approval

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.
SURGICAL TECHNOLOGY PROGRAM COURSE DESCRIPTIONS

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

<table>
<thead>
<tr>
<th>Prerequisite Courses</th>
<th>Tuition and fees: $4,350</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th><strong>Fall Semester</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Tuition:</td>
</tr>
<tr>
<td>Physical exam</td>
</tr>
<tr>
<td>Liability</td>
</tr>
<tr>
<td>Uniform</td>
</tr>
<tr>
<td>Books</td>
</tr>
<tr>
<td>Supplies and workshop</td>
</tr>
<tr>
<td><strong>Total</strong></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Spring Semester</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Tuition and fees:</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Summer I + II:</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Tuition and fees:</td>
</tr>
<tr>
<td>Standardized exit exam</td>
</tr>
<tr>
<td>Certification Exam</td>
</tr>
<tr>
<td>Cap, gown and diploma</td>
</tr>
<tr>
<td>Pictures</td>
</tr>
<tr>
<td>AST student membership fee</td>
</tr>
<tr>
<td><strong>Total</strong></td>
</tr>
</tbody>
</table>

| **Grand Total**    | **$14,635**              |
LAMAR STATE COLLEGE-PORT ARTHUR
SURGICAL TECHNOLOGY PROGRAM
APPLICATION – FALL 2021 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) (Telephone)

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
Please name the college, the semester you took the course, and the grade you made in each of the following courses.

**NOTE:** For each course you have completed, you must attach a transcript documenting your grade and course completion even if you completed all or part of your coursework on the Lamar State College-Port Arthur campus.

<table>
<thead>
<tr>
<th>Name:</th>
<th>SS:</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Course:</th>
<th>College</th>
<th>Semester</th>
<th>Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>Human Anatomy &amp; Physiology I BIOL 2301 + BIOL 2101 (BIOL 2401)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Human Anatomy &amp; Physiology II BIOL 2302 + BIOL 2102 (BIOL 2402)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Introductory Microbiology BIOL 2320 + BIOL 2120 (BIOL 2420)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Basic Nursing (NURA 1301 &amp; NURA 1160)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Medical Terminology (HITT 1305)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Business Computer Application (BCIS 1305)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>TSI:</strong> Reading: Math: Writing:</td>
<td>Satisfied TSI</td>
<td>Yes</td>
<td>No</td>
</tr>
</tbody>
</table>
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_____