FLOWERS HOSPITAL
Opening its doors in 1950 Flowers Hospital has served our community in all areas of medical practice. The 235 bed hospital has a comprehensive cardiac program, cancer center, outpatient department and surgery department.

FLOWERS HOSPITAL SURGICAL TECHNOLOGIST PROGRAM
The Surgical Technologist Program began at Flowers Hospital in 1991 as a non-accredited program. Flowers Hospital’s Surgical Technologist Program became the first CAAHEP accredited program in the State of Alabama in 2001. The program has been sponsored by Flowers Hospital since its inception.

LICENSURE/OWNERSHIP
Flowers Hospital is a part of Community Health Systems. Hospital accreditation is provided by the Joint Commission on Accreditation of Healthcare Organizations. The Surgical Technologist Program accreditation is provided by the Commission on Accreditation of Allied Health Education Programs (CAAHEP).

Contact information
Community Health Systems
Address: 4000 Meridian Blvd.
        Franklin TN. 37067
Phone: (615) 465-7000
Fax: (615) 373-4877
Web: http://www.chs.net

Joint Commission on the Accreditation of Healthcare Organizations
Address: One Renaissance Blvd.
        Oakbrook Terrance, IL 60181
Phone: (630) 792-5000
Fax: (630) 792-5005
Web: http://www.jointcommission.org

Accreditation for the Surgical Technologist Program is provided by:
Commission on Accreditation of Allied Health Education Programs (CAAHEP)
Address: 25400 US Highway North, Suite 158
        Clearwater, FL 33763
Phone: (727) 210-2350
Fax: (727) 210-2354
Web: http://www.caahep.org
MISSION AND PURPOSE
The Surgical Technologist Program adheres to the Flowers Hospital mission statement of healthcare professionals that are dedicated to providing services to our customers as if they were family.

PHILOSOPHY
The aim of the program is to graduate surgical technologists who, utilizing technical, interpersonal and critical thinking skills can function in the operating room. To reach that objective the program combines a didactic and clinical format. The course of study includes the classroom, practice lab and the operating room. The Flowers Hospital Surgical Technology Program believes that each student is unique with differing requirements. We strive to meet the needs of a diverse student body in a fair and impartial manner. The program prepares the student to proceed from simple to complex, utilizing the practice lab, the operating room and the feedback from students, faculty and mentors. The students have a responsibility to actively participate in the learning process by asking questions, completing assignments, utilizing the practice lab to improve skills and seeking understanding through communication.

COMMITMENT
Students - Flowers Hospital Surgical Technologist Program is committed to its students. The program strives to provide quality accessible instruction for all students. We have available the resources required by the students to grow and develop into the professional role of Surgical Technologist.

Adjunct Faculty - Flowers Hospital Surgical Technologist Program is committed to the mentors that contribute their time and expertise to the program. Mentors are available to the student on a one to one basis during clinical rotations.

Instructors – Instructors must be Certified Surgical Technologists with 3 or more years of clinical experience in the Operating Room. Instructors must maintain continuing education that relates to the Operating Room or the field of Surgical Technology.

SURGICAL TECHNOLOGY
Flowers Hospital offers this program to students as a career opportunity. Students are taught the skills necessary to become employed as Surgical Technologists. Surgical Technologists are integral members of the surgical team and function in a variety of roles that include scrub, circulating and second assisting. The primary role is that of the scrub person who is responsible for establishing and maintaining the sterile field. Understanding the procedure, anticipating the surgeon’s needs and maintaining quality patient care are also responsibilities of the Surgical Technologist. Career opportunities exist in the Operating Room, Labor and Delivery, Outpatient Surgery Center, Cardiac Catheterization Lab, G.I. Endoscopy Lab or Physician’s office. Associated careers include medical sales representative, central sterile supervisor, laser or endoscopic technologist, tissue/organ procurement technologist or a transplant team member.
GOALS
The goal of the program is to provide students with the opportunity to develop the skills and knowledge to obtain employment as surgical technologists and function as part of the health care team. This goal will be accomplished by preparing competent graduates in the cognitive, psychomotor, and affective learning domains and meeting or exceeding the criteria set forth in the current standards and guidelines for an Accredited Program in Surgical Technology. Upon completion of all requirements, graduates of our program receive a Certificate of Surgical Technology. Graduates awarded this certificate are eligible to take the National Certification Examination. Graduates enter the job market as entry level Surgical Technologists.

OBJECTIVES
Upon completion of the program the graduate will be able to:

- Correlate the knowledge of anatomy, physiology, pathophysiology, and microbiology to their role as a Surgical Technologist.
- Demonstrate a safe level of practice and knowledge in their role as a Surgical Technologist.
- Acquire an understanding of legal, ethical, moral and medical values related to the patient and the healthcare team during the perioperative experience.
- Demonstrate knowledge and awareness of aseptic technique and sterilization to function competently in the surgical environment.
- Demonstrate safe working knowledge of equipment and instrumentation in the surgical environment.
- Correlate the elements, action and use of medications and anesthetic agents used during the surgical procedure.
- Demonstrate safe practice techniques regarding transporting and positioning patients as well as emergency and routine perioperative procedures.
- Apply knowledge and skill as a Surgical Technologist to assess and meet the biopsychosocial needs of the surgical patient.
- Value the components of professionalism as demonstrated by certification, work ethics, behavior and participation in the development and promotion of professional associations.
- Demonstrate personal growth by continuously improving technical knowledge and skills performance.
- Perform as a competent entry-level Surgical Technologist in the cognitive, psychomotor and affective learning domains.

HOURS OF OPERATION
Classroom and clinical hours are 6:00 AM to 2:30 PM Monday through Thursday. The Program Director or Clinical Coordinator is available at all times whenever the student is in a classroom or clinical setting. Mentors and Instructors supervise and are present during any clinical assignment.
HOLIDAYS AND BREAKS

Holidays and breaks are provided during the school year. Major holiday breaks will coincide with the Operating Room schedule during the clinical portion of the program.

HOURS OF INSTRUCTION

The 11 month program is divided into intensive didactic instruction and supervised clinical experiences. Class time totaling over 600 hours includes basic courses as well as surgery specific courses. Clinical time totaling over 800 hours is scheduled for the students. Clinical time will include one weekend of scheduled call. If the student exceeds the allowed absenteeism then make up hours must be scheduled at the convenience of the instructor and/or affiliated clinical site. Additional lab practice may be scheduled as needed for the student to increase proficiency.

DIDACTICS

Classroom time proceeds at a rapid pace and requires the student to exhibit critical thinking skills. Time is also used to review information, practice in the lab setting and prepare the student for the clinical portion of the program. Instructors conducting the class are competent and knowledgeable in the course material being taught.

CLINICALS

After classroom and lab instruction the student progresses to the clinical portion of the program. This is the area where information acquired in the classroom is put into practice by the student. Instruction is provided by the mentors and surgeons in the Operating Room. The mentor’s responsibilities include active instruction, supervision and evaluation. The student will have constant feedback regarding their performance. The student has a responsibility to be prepared and show initiative in the area assigned. A surgeon, mentor or instructor will be immediately available in all scrub locations at all times for consultation and/or assistance.

BASIC SCRUB SKILLS

These skills are taught in both the classroom and the clinical areas. Hands on experience is required for the student in

- Scrubbing
- Gowning and gloving self and others
- Identifying and passing instruments
- Sterilization and processing of instruments and equipment
- Case preparation
- Assisting with and documenting patient care
- Room turnover and decontamination procedures
- Operation of special equipment
PRE-ADMISSION REQUIREMENTS

- Completed application submitted to the Human Resource Department or the Surgical Technology Program.
- Test of Essential Academic Skills (TEAS Form V) completed with a score in the 40th percentile or above.
- Evidence of High School Graduation or GED (Graduate Equivalence).
- Proof of Age – 18 years or older on or before start date of class year.
- Completed Flowers Hospital medical form and permission for background check.
- Satisfactory references from a minimum of two individuals as requested on the application
- Scheduled interview with members of the selection committee

The program accepts a maximum 16 students each year. The applicant must show proof of high school graduation or GED equivalency and be 18 years or older. The process requires a $100.00 non-refundable application fee. We ask that the applicant score in the 40th percentile or above. If that score is attained the applicant is given an interview before a selection committee composed of several interviewers from the Department of Surgery. This committee selects the applicants that are accepted in the program.

ADMISSION PROCESS

Applications are taken in May for the program starting in September. The Human Resource Department forwards all student applications to the Surgical Technology Program. The applicant will be notified of receipt of application and scheduled for the testing process. TEAS testing will be done in June with the applicants scoring in the 40th percentile or above proceeding to interviews in June and July. After all scheduled interviews are completed the Interview Committee will rank the applicants based on TEAS score, scored interview, memory and dexterity. Due to a limitation on class size there is no guarantee that all applicants meeting the requirements will be admitted to the program. The interview committee will notify the applicants of acceptance into the program. When the student has acknowledged acceptance he/she will be scheduled for a physical exam that includes TB screening and drug testing. Applicant must provide immunization and/or titer records as required. Background checks are required for all students. The program will communicate specific instructions to each final applicant. The start date for class each year is the day after Labor Day in September.

TUITION AND BOOKS

Tuition is $3,000.00 for the course of study. This is payable in two payments, the first payment is due the first week of class and the second due the first week of January. If the student withdraws or is dropped from the program within the first four weeks they are entitled to a refund of tuition minus a $500.00 non-refundable fee. After four weeks there is no refund available.

The student has an option to purchase books or use program books. If program books are not returned at the time of withdrawal, tuition refund will be withheld until all books are returned. Books are returned the last week of school. If the books are not returned at this time the student will be billed for the total cost of the books.
FEE SCHEDULE

Application Fee $100.00
Due at time of exam Non - refundable

Tuition fees
Background Check $60.00
Liability fees $50.00
Titer and/or HepB series $40.00
Physical $13.00
Tuition $2,600.00
Certification/AST membership Group Package $237.00

TOTAL TUITION COSTS: $3,000.00
First installment: Due first week of class $1,500.00
Second installment: Due first week of January $1,500.00

Note: If you wish to purchase books you may order them through the program, at your local book store (if available) or you may go online. Returned checks will be subject to a return fee.

ACADEMIC REQUIREMENTS
Students are required to attain an 80% academic average by the end of the first six weeks. This 80% average must be maintained throughout the program. If this requirement is not met the student is subject to termination from the program. An academic probation will be in effect at thirty days if GPA is less than 80%. Test scores below 70% will require retake testing and student must score 80% or above on retake to continue in the program. The original score is used to calculate the GPA. Students must complete a practical exam on aseptic technique and set up prior to clinical rotations. Students also must demonstrate competency in passing needles and knives safely prior to clinical rotations. There is no option to make up class time missed. Any major test missed will be made up and make up tests must score 80% or greater. Any quizzes missed will be recorded as a zero in the grade book.

CLINICAL REQUIREMENTS
Students must be physically able to stand for several hours per day. Visual and auditory acuity are necessary to function in the Operating Room. The number of required scrub cases is 120 by volume with 30 of those cases being in general procedures and 80 being in the first scrub role. The student has a responsibility to show initiative and motivation in accumulating the required number. Students must abide by all rules and regulations that govern all full time employees at Flowers Hospital.
GRADUATION REQUIREMENTS

Graduation requires completion of all academic and clinical requirements contained in the program curriculum/syllabus in the order outlined. Each course is a prerequisite for the subsequent course. The goals and objectives of the program correlate with the current Core Curriculum for Surgical Technology.

In addition to classroom and clinical testing the students are required to take the certification exam prior to graduation. The fee for testing includes membership to the Association of Surgical Technologists and a study guide formulated by the AST. All students will be required to join the Association of Surgical Technologists as student members. Membership and exam costs are included in tuition.

PROGRAM GUIDELINES

EQUAL OPPORTUNITY

Our program does not discriminate in any way to deprive any person of admission opportunities or otherwise adversely affect the status of any student because of race, color, religion, sex, sexual orientation, genetic information, gender identity, national origin, age, disability, citizenship, veteran status, or military or uniformed services, in accordance with all applicable governmental laws and regulations. In addition, the program complies with all applicable federal, state and local laws governing nondiscrimination in admission. If you are an applicant with a mental or physical disability who needs a reasonable accommodation for any part of the application or selection process, contact our director of Human Resources at 334-794-5000 x 1130.

STUDENT RESPONSIBILITIES

Each student is held responsible for the quality of preparation, completion, and performance of goals, objectives, and assignments; complying with polices, procedures, guidelines, criteria, and standards pertaining to the program and Flowers Hospital; his/her professional conduct.

STUDENT RIGHTS

Each student has a right to quality education without exploitation through a program following accreditation and certification standards, guidelines, policies and procedures.

STUDENT MEETINGS

Student meetings are scheduled on Thursday afternoons during clinical rotations. There are quizzes on material that was covered in class. This is a time for information exchange and voicing of any concerns the student or instructors may have.
PROFESSIONAL INDEMNITY

Professional liability is provided by the student and the cost is included in the tuition. It is expected that students will give full cooperation to Flowers Hospital administration, attorneys, and risk manager should they become involved in any type of litigation as a student in Surgical Services.

HEALTH CARE AND SAFETY ISSUES

Students are expected to provide their own health care coverage.

Each student will undergo a physical exam conducted by the Flowers Hospital Employee Health Nurse, during which they will be required to undergo drug testing.

Each student will be issued personal protective equipment and instructed in its use. The student will be required to wear the protective equipment as indicated by the Policy of Flowers Hospital, the CDC and OSHA.

The program prohibits the illegal use, possession, sale, manufacture, distribution or any misappropriation of drugs or other controlled substances on Flowers Hospital property. It is also against Flowers Hospital policy to report to school under the influence of drugs or alcohol. No weapons are allowed on Flowers Hospital campus. A violation of this policy is considered "unprofessional conduct" and is cause for immediate dismissal from the program.

Drug testing will be conducted if there is reasonable suspicion that the student is using or has used drugs in violation of Flowers Hospital policy. If there is an injury during school hours the student will be asked to submit to an independent drug test. Failure to complete the test or positive results will result in termination from the program.

FINANCIAL ASSISTANCE

The program and Flowers Hospital will assist students to meet requirements for scholarships that may be available to them after starting the program. ARC-STSA and NBSTSA both have scholarships available to assist with tuition. The scholarships are administered by the Foundation for Surgical Technology. Information can be obtained on their web site (www.ast.org.).

STUDENT EMPLOYMENT

Students may be employed if there is no time conflict with program responsibilities. If it is necessary to work, part time or weekend employment is recommended. Personnel who attempt full time employment find great difficulty in meeting the program requirements. All student activities associated with the program 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 student in the clinical setting be substituted for hospital personnel to conduct the work of the clinical facility.
TRANSFER
Due to class prerequisites and the progressive nature of the course the Flowers Hospital
Technologist Program does not accept transfer students.

ATTENDANCE
Due to the rapid pace of the program, absences from didactic and clinical courses are limited.
Didactic Section  4 days allowed
Clinical Section    4 days allowed
Maximum absenteeism for the year is eight days. The time frame in which these days can be
missed is outlined in the Program Schedule given to all students at the start of class along with
Requirements of ST Program Students. The only exceptions to the above absences are jury duty,
military (not to exceed four days) and bereavement (not to exceed three days). Absences in
excess of those listed above can result in termination from the program. There are no scheduled
days for making up didactic time. The student will be allowed to make up missed clinical time on
Fridays during the clinical rotation within the limits of the above absences.

TARDINESS
A student will be considered tardy 8 minutes after the scheduled class start time. Tardiness greater
than 30 minutes will be considered an absence. Each tardy will be noted in the attendance record
and the student notified that a tardy has occurred. Excessive tardiness greater than 4 in one
didactic or clinical section. will result in dismissal.

DRESS CODE
Flowers Hospital is a professional organization and clothing should reflect the desired image of the
hospital. Specific guidelines include but are not limited to the following:
• The student will be provided with 4 sets of surgical scrubs to wear in class. Tight fitting scrubs
are unacceptable if undergarments are visible through the outer garments. If your size should
change during class, a scrub swap should be requested.
• Closed shoes that are purchased new for the Clinical Section of the school year are required
Specific to the clinical area are the following guidelines:
• Students will change into scrubs after arrival to the clinical setting. No artificial nails or nail
polish
• If earrings are worn they must be contained in the scrub cap.
• All jewelry worn must be contained in the scrub clothes.
• No rings or bracelets can be worn when scrubbed.
• Disposable shoe covers will be worn by students in the semi-restricted and restricted areas.
• Scrubs will be worn in the clinical areas only and are not to be worn home.
• No undergarments worn should extend beyond the scrub shirt.
• The student name badge should be worn at all times.
The student will furnish a white knee or thigh length lab coat to be worn outside the department. The student will require appropriate shoes that should remain at the clinical site. Students may also purchase a warm up jacket that can be worn in the operating room. The lab coat and the warm up jacket will be taken home to be laundered. Socks or hose will be worn with your shoes. Open toed shoes are not allowed. Students not adhering to the dress code will be sent home to change.

CONDUCT

Students are expected to conduct themselves in a professional manner at all times. Disrespectful or disruptive behavior will not be tolerated. Possession of drugs, or alcohol or weapons is grounds for dismissal. Theft of property is immediate grounds for dismissal. Information of a confidential nature learned in the course of training is to remain confidential. Failure to maintain Patient Health Information is grounds for dismissal. It may only be discussed in class or at the weekly meetings. Break rooms or places off campus such as restaurants are not appropriate places to discuss confidential information obtained from clinical experiences. Confidentiality should also be extended to not only patients but surgeons, mentors, instructors and fellow students.

COUNSELING

Instructors will attempt to assist the student by providing academic guidance, remedial training, and tutoring as appropriate. However, student responsibilities include following instructions, studying, requesting assistance, and practicing required skills. The program has an open door policy for students with any concerns or problems. Didactic Quarter averages are given to each student and an academic report can be printed on request.

RESIGNATION/WITHDRAWAL

Any student contemplating withdrawal should discuss their concerns with the Program Director prior to actual resignation. If a student withdraws due to circumstances of extreme hardship and they wish to reapply at a later date for completion it will be considered. Any student who does not attend class or clinical for three successive days without contacting the school instructor or program director will be considered withdrawn on the last day attended.

PROBATION

A student may be placed on probation for failure to satisfactorily achieve didactic and/ or clinical objectives. These include but are not limited to:

- Incomplete assignments
- Policy infractions
- Cheating
- Inability to apply classroom knowledge to clinical setting

The length of probation will be determined by the behavior or action which prompted the probation.

Academic probation will be in effect until assignments are complete or exam is retaken and an acceptable score is attained. Retakes of the test is limited to once with the original score being entered into the grade book. Probation will be for a minimum of 30 days and at any time during the probationary period the behavior is repeated the student may be terminated.
DISMISSAL/TERMINATION
A student is subject to dismissal from the program for reasons already stated which include but are not limited to:

- Failure to pass didactic courses with minimum average.
- Failure to meet course requirements.
- Breach of Confidentiality.
- Failure to meet financial obligations at due date.
- Caught cheating, plagiarizing or falsifying documents.
- Unprofessional conduct.
- Failure to comply with Flowers Hospital Policies.

The student will be given written notice of dismissal stating the reason for dismissal. The student may file an appeal with the Program Director. The sole ground for appeal shall be that the dismissal was arbitrary, capricious, or not supported by the facts.

RE-ENTRY
A student that has withdrawn/canceled in good standing with the program may re-enter the program. The ability to re-enter will depend on the number of hours missed and the status of the current class. The student will complete a competency exam challenge for each class completed prior to withdrawal or audit the classes on re-entry. The Association of Surgical Technologists recommends no re-entry if the student has been absent from class for over one year. Each case will be evaluated on an individual basis and any decision made by the Program Director and Flowers Hospital will be final.

GRIEVANCE
If any student or mentor feels he/she is the victim of unfair decision, evaluation, assignment or disciplinary action, then he/she should discuss the incident with the person responsible and a Clinical Instructor. If the Instructor does not satisfy the student then the student should approach the Program Director. If the Program Director does not satisfy the student then the student should approach the Program Administrator. If the Program Administrator is unable to satisfy the grievance then the appeals process can be followed.

APPEAL
Within seven days of a Grievance discussion with the above named personnel, the student must submit a document containing written, objective statements, concerning their grievance. The Program Director will forward the appeal to the Appeal Committee for review. The decision of the Appeals Committee is final.
COMMITTEES

Committees assist in program management, planning and evaluation.

1. The Selection Committee: Director of Surgical Services, Program Administrator, Program Director, Clinical Instructors and selected surgical staff.

2. The Program Advisory Committee: Sponsoring institution administrative representative, current student, graduate of the program, practicing CST, physician, faculty member assigned to program, an employer and a public member

3. The Appeals Committee: Flowers Hospital Administrative Representative, Director of Surgical Services, Program Administrator, Director of Human Resources and selected relevant staff.

The Selection Committee meets each year to interview and select students for the upcoming class. The Appeals Committee meet only when needed to review information as indicated. The Program Advisory Committee meets once a year. The Director of Surgical Services, the Program Director and the Instructors review all program material. The Director of Surgical Services and the Program Director have final approval of all management and planning decisions.

RECORDS

Student information pertaining to admission, health, attendance, grades and academic as well as clinical evaluations are recorded. Grades will be recorded on each student’s transcript. Appropriate academic and clinical records will be kept on file for a period of five years. All student records are secured in a safe accessible locked storage location, which insures the confidentiality of program records. Copies of records of academic and clinical progress are furnished to the student on a regular basis. A Certificate will be awarded as evidence of completion of the program. Any copies of the transcript or certificate required for taking the certification exam will be provided at no cost to the student.

JOB MARKET AVAILABILITY/JOB PLACEMENT

All requests from students or potential students regarding job availability are referred to the Association of Surgical Technologists. We often receive advertising directed at students and we make that information available to them. The Association of Surgical Technologists publishes a monthly magazine that contains multiple job listings. This publication is available to the students in the classroom library. There is also a link on the AST website for job openings nation wide. Guidance and assistance is available to the student as well as instruction in writing a resume, completing an application, and preparing for an interview. Internet is available to aid the student in the job search. Flowers Hospital does not guarantee the student employment upon graduation from the program.
Required textbooks
Surgical Technology for the Surgical Technologist with workbook;
Fuller Surgical Technology Principles and Practice
Alexander’s Care of the Patient in Surgery;
  15th Edition, Mosby
Structure and Function of the Body
  14th Edition, Mosby
Medical Terminology for Health Professionals;

Suggested Resource Textbooks
Pharmacology for the Surgical Technologist;
  Snyder and Keegan; W.B. Saunders Company
Berry & Kohn’s Operating Room Technique;
  10th Edition, Mosby
Tabor’s Cyclopedic Medical Dictionary
Pocket Guide to the Operating Room;
  3rd Edition, Goldman; F.A. Davis
**SURGICAL TECHNOLOGIST**
**CERTIFICATE PROGRAM**

A minimum GPA of 80% is required for the progression to the next Surgical Technology course in the programs required sequence.

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<thead>
<tr>
<th>Course number/name</th>
<th>Hours</th>
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<tr>
<td></td>
<td>Theory</td>
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<td><strong>First Session - Didactics</strong></td>
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<td>Ort I Orientation to ST</td>
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<tr>
<td>MT I Basic Medical Terminology</td>
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<tr>
<td>MT II Advanced Medical Terminology</td>
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<tr>
<td>A&amp;PI Basic Anatomy &amp; Physiology</td>
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<tr>
<td>A&amp;PII Advanced Anatomy &amp; Physiology</td>
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<tr>
<td>Micro Microbiology &amp; Sterilization</td>
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<tr>
<td>Pharm Pharmacology &amp; Anesthesia</td>
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<tr>
<td>ST I Surgical Technology</td>
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<tr>
<td>ST II Surgical Technology</td>
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<tr>
<td>ST III Surgical Technology</td>
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| **Second Session - Clinical**                |       |
| REV Classroom Review                         | 46    |
| CLN Clinical Practicum                       | 818   |

**TOTAL** 1510  
THEORY 540  
LAB 126  
CLINICAL 818
The curriculum progresses as outlined below. The student must complete the classes in sequence finishing one before moving on to the next. The entire curriculum is accomplished in eleven months.

**Orientation to Surgical Technology  16 Hours**
Course Description: Introduces the student to the practice of Surgical Technology and Healthcare. This course includes scope of practice, practices specific to the operating room, the healthcare system types of facilities. The student will also orient to the hospital with the NET and complete BLS.

**Medical Terminology for Healthcare Professionals I  40 Hours**
Course Description: Basic word parts are introduced to the student. The student learns to formulate medical terms from these word parts to include terms relevant to surgical procedures and diagnosis.

**Medical Terminology for Healthcare Professionals II  40 Hours**
Course Description: Takes a systems approach to instruction in medical terms that apply to each body system.

**Anatomy and Physiology I  48 Hours**
Course Description: Takes a systems approach to providing understanding of the human body. Structure and function are addressed in each body system. A&P I covers the cellular level, as well as the integumentary, skeletal, muscular and nervous systems.

**Anatomy and Physiology II  56 Hours**
Course Description: Takes a system approach to providing understanding of the human body. Structure and function are addressed in each body system. A&P II covers the following systems: endocrine, circulatory, lymphatic, respiratory, digestive, urinary and reproductive. Nutrition, metabolism, and pregnancy are also covered.

**Microbiology  16 Hours**
Course Description: Includes concise introduction to structure and function of microorganisms; pathogenic and non pathogenic, the infectious process, and the immune response. Includes the training required by OSHA and the CDC in isolation measures, HIV training and biohazardous waste containment. Instruction on decontamination and sterilization procedures.
Pharmacology 24 Hours
Course Description: Provides instruction in surgical pharmacology. Includes drugs used during surgery and the types of anesthesia agents used; methods used to prepare these drugs and the preparation and handling of drugs and solutions.

Surgical Technology I 48 Hours
Course Description: Introduction to Surgical Technology includes orientation to the field of surgery and the physical environment. General patient care and safety including hemostasis and emergency situations are taught to the beginning surgical technologist. Instrumentation, equipment and supplies utilized in the surgical setting are introduced in this course. This course includes the importance of scientific breakthroughs and what they mean for the practice of surgery and surgical technology. The student will learn how robotics, physics, electricity and computers have impacted their practice. Excludes lab hours.

Surgical Technology II 40 Hours
Course Description: Types of wounds are addressed in this course. Wound closure principles and materials used to accomplish closure are all taught. General patient care including VS, catheterization, prepping, positioning and transfer are taught. Preoperative, intraoperative and postoperative aspects of care are introduced to the student on an overall basic level. The student receives instruction in aspects of application for employment, interviewing for employment, verbal and non verbal language used during interactions, dressing appropriately and writing a resume, letter of acceptance and letter of resignation. Excludes lab hours.

Surgical Technology III 192 Hours
Course Description: This course takes a systems approach to teaching the procedures done in surgery. Includes general, gynecological, orthopedic, neurosurgery, genitourinary, ophthalmic, ENT (ear, nose and throat), maxillofacial, aesthetic (plastic), cardiovascular, thoracic and peripheral vascular surgery.

Lab practicum 126 Hours
Course Description: Hands on in a controlled environment to acclimate the student to the operating room setting. Students learn to position, prep, and catheterize an anatomically correct mannequin. They practice case management from opening to dressing application. Skill in passing suture must be demonstrated prior to clinical rotation. Instruments related to each specialty are reviewed and tested on in the lab setting.
**Clinical Practicum  818 Hours**

Course Description: The student functions in the operating room under the guidance of the instructors and mentors in the specialties practiced at the clinical site. Emphasizes scrubbing and gowning, sterile table set up, draping, passing instruments, counts, anticipation of surgeon’s needs, communication skills, and instrument care, disinfection, and preparation in the clinical setting.

After completion of this course the student will be able to

Assist with circulating on a minimum of six cases during the circulation rotation of clinical

Scrub a minimum of 120 cases, following the guidelines in the case log, during the dates of clinical rotations. 30 of the required cases are to be in general surgery. 80 of the 120 must be in the first scrub role. First and second scrub roles are defined in the case log (page one).

Rotate through the Main storage room, central sterile and the endoscopy suite.

Rotate through the PACU, Cardiac cath lab, and surgical holding

Assist the equipment coordinator as well as the PCA in surgery

**Classroom Review  46 Hours**

Course Description: The students spend time in the classroom every Thursday to review and take practice tests. This allows them to keep their test taking skills sharp and they have the opportunity to share any new information obtained in clinical
ADDITIONAL INFORMATION

Additional information regarding the ST program at Flowers Hospital can be obtained by contacting:

**Surgical Technology Program**
Flowers Hospital  
4370 West Main Street  
P.O Box 6907  
Dothan AL, 36305  
Email: stprogram@flowershospital.com  
Classroom: (334) 793-5000 ext. 1809  
Operating Room: (334) 793-5000 ext. 1700  
Fax: (334) 615-7285

**Katrina Mansfield-Davis, RN, BSN, RNFA, CNOR, CST**  
Program Director  
Email: kmansfielddavis@flowershospital.com

**August Huey, CST**  
Clinical Coordinator  
Email: ahuey@flowershospital.com