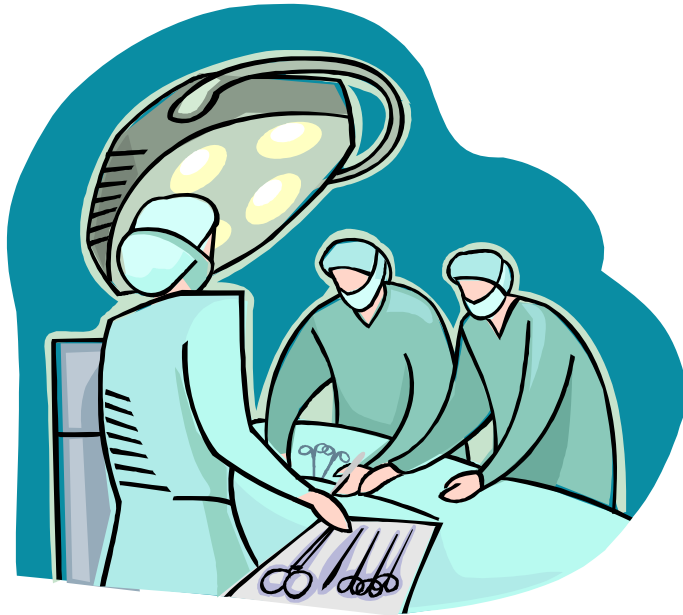


# SURGICAL TECHNOLOGY



Middle Georgia Technical College  
80 Cohen Walker Drive  
Warner Robins, GA 31088  
(478)988-6850 / (800)474-1031

(Revised 6-30-2011)

ADMISSION TO THE COLLEGE AND TO THE SURGICAL TECHNOLOGY PROGRAM ARE TWO DISTINCT PROCESSES. STUDENTS ARE RESPONSIBLE FOR UNDERSTANDING BOTH PROCESSES.

QUESTIONS REGARDING ADMISSION TO THE COLLEGE SHOULD BE DIRECTED TO MR. DANN WEBB, DIRECTOR OF ADMISSIONS, AT (478) 988-6850 OR [dwebb@middlegatech.edu](mailto:dwebb@middlegatech.edu).

QUESTIONS REGARDING ADMISSION TO THE SURGICAL TECHNOLOGY PROGRAM SHOULD BE DIRECTED TO MS. LORNA COX, PROGRAM CHAIRPERSON, AT (478) 988-6800 ext. 4045 OR [lcx@middlegatech.edu](mailto:lcx@middlegatech.edu).

As set forth in its student catalog, Middle Georgia Technical College does not discriminate on the basis of race, color, creed, national or ethnic origin, gender, religion, disability, age, political affiliation or belief, veteran status, or citizenship status (except in those special circumstances permitted or mandated by law).

The following person has been designated to handle inquiries regarding the nondiscrimination policies:

Jeff Scruggs, Vice President, Room A210  
80 Cohen Walker Drive  
Warner Robins, GA 31088  
(478) 988-6800 ext. 6858

## STUDENT FILE CHECKLIST

DEAR APPLICANT:

Your student record folder must contain the following items in order to be accepted for admission:

\_\_\_\_\_ APPLICATION FOR ADMISSION WITH \$15 APPLICATION FEE

\_\_\_\_\_ HIGH SCHOOL DIPLOMA, GED, OR COLLEGE TRANSCRIPTS

\_\_\_\_\_ PLACEMENT TEST SCORES (ASSET or COMPASS) OR SUBMIT  
ACCEPTABLE SAT, ACT, OR CPE SCORES OR PROOF OF COMPLETION  
OF POSTSECONDARY ENGLISH AND MATH COURSES

\_\_\_\_\_ PROGRAM SPECIFIC DOCUMENTATION

- PSB HEALTH OCCUPATIONS APTITUDE EXAMINATION  
The PSB, 3<sup>rd</sup> edition, must be completed with a satisfactory score of 215 or higher prior to the end of the Fall Semester. The student then may be put on the list to be considered for selection into the program specific courses beginning in the Spring Semester.

## PROCEDURES FOR ENROLLING IN SURGICAL TECHNOLOGY

This program prepares graduates to be an integral member of the surgical team working closely with surgeons, anesthesiologists, and RNs to deliver patient care before, during, and after surgery. This is accomplished through a selected number of academic and occupational courses that provide students the opportunity to acquire the necessary skills and knowledge to give competent care. Graduates receive a diploma and have the qualifications of an entry level Surgical Technologist.

### Admission requirements:

Applicants must be at least 17 years of age and have a high school diploma or equivalent. Applicants should complete the following steps:

1. Submit an application for admissions, along with a \$15 non-refundable fee.
2. Obtain a copy of the Admission student file checklist, which identifies the mandatory items required to be furnished by the student **prior** to being accepted into the program.
3. Schedule to take the ASSET or COMPASS placement test or submit SAT, ACT, or CPE scores. **During the semester prior to selection**, schedule to take the PSB-Health Occupations Aptitude Examination. The ASSET exam is free; however there is a \$20 testing fee for the PSB exam. (students may take this exam twice to achieve the highest possible score).
4. Applicants must make the required scores on the exams and provide all required items on the checklist before they are added to the waiting list.
5. Request transfer credit for courses completed at accredited colleges or other educational institutions, if applicable. Submit an official transcript to Student Affairs and complete a Request for Credit prior to registration.

**\*NOTE – IT IS THE APPLICANT’S RESPONSIBILITY TO ENSURE THAT ALL REQUIRED ITEMS HAVE BEEN PROVIDED TO MGTC.**

Initially, Surgical Technology students will enroll in core courses only. Toward the end of the semester prior to selection (Fall Semester), they will be required to take the PSB aptitude exam. The student’s GPA will be used to determine the top 16 applicants, however the PSB score will be used to break a tie if necessary. They must also make a grade of “B” or higher in MATH 1012 (Foundations of Mathematics, and ALHS 1011 (Anatomy and Physiology), and make a grade of “C” or higher in the other core courses.

MGTC accepts new students into the Surgical Technology Program once a year. However, all applicants who have completed the steps for admission MAY NOT be admitted for a specific semester due to the number of applicants vying for the available program slots. Grade point average (GPA) for the required core courses will be used for competitive admission. Applicants that are accepted will be notified in writing when to register for their program. Applicants desiring information on their admission status should contact Student Affairs at 478-988-6850.

### CORE COURSE OUTLINE:

COURSE	TITLE	CREDITS
ENGL 1010	Fundamentals of English I	3
MATH 1012	Foundations in Mathematics	3
ALHS 1011	Anatomy & Physiology	5
ALHS 1090	Medical Terminology for Allied health Sciences	2
ALHS 1040	Introduction to Health Care	3*
COMP 1000	Introduction to Microcomputers	3*

\*Completion of these courses prior to selection process is not required. These courses may be taken with SURG courses during the first semester after selection. However it is recommended that all above listed courses (except ALHS1040) be completed prior to the first semester of SURG specific courses.

MIDDLE GEORGIA TECHNICAL COLLEGE

SURGICAL TECHNOLOGY

SUGGESTED COURSE SEMESTER SCHEDULE

<b>SEMESTER</b>	<b>COURSE</b>	<b>#/TITLE</b>	<b>CREDIT HOURS</b>	<b>CONTACT HRS</b>
1st-Fall	ENGL 1010	Fundamentals of English	3	37.5
	MATH 1012	Foundations in Mathematics	3	37.5
	ALHS 1011	Anatomy and Physiology	5	62.5
	ALHS 1090	Medical Terminology for AHS	2	25
	COMP 1000	Introduction to Microcomputers	3	62.5
			16	225
2nd-Spring	ALHS 1040	Intro. To Health Care	3	62.5
	SURG 1010	Intro. To Surgical Technology	6	125
	SURG 1080	Surgical Microbiology	2	25
	SURG 1020	Principles of Surgical Technology	5	87.5
	SURG 1120	Surgical Technology Clinical I	3	112.5
			19	412.5
3rd-Summer	SURG 2030	Surgical Procedures I	4	50
	SURG 1100	Surgical Pharmacology	2	37.5
	SURG 1130	Surgical Technology Clinical II	3	112.5
	SURG 2120	Surgical Technology Clinical III	3	112.5
			12	312.5
4th-Fall	SURG 2040	Surgical Procedures II	4	50
	SURG 2130	Surgical Technology Clinical IV	3	112.5
	SURG 2140	Surgical Technology Clinical V	3	112.5
	SURG 2150	Surgical Technology Clinical VI	3	112.5
	SURG 2240	Seminar in Surgical Technology	2	25
			15	412.5
TOTAL COURSE CREDITS/CONTACT HOURS			62	1362.5

CONTACT HOUR BREAK-DOWN

CLASSROOM/THEORY/LAB 687.5  
CLINICAL 675

NOTE: THERE ARE NO ELECTIVE COURSES ASSOCIATED WITH THIS PROGRAM

CONTACT THE PROGRAM CHAIRPERSON TO ASSIST IN PLANNING YOUR SCHEDULE

## ESTIMATED COURSE COST

### FOR THE SURGICAL TECHNOLOGY PROGRAM

TUITION AND FEES	\$ 4890.50
BOOKS	\$ 1200.00*
CLINICAL REQUIREMENT FEES	\$ 350.00*

PHYSICAL – current health and dental examinations  
VACCINES – MMR, PPD, Hep B series  
SCRUB UNIFORMS – school approved scrubs and lab coat  
DRUG SCREENING – negative SAP 10  
BACKGROUND CHECK – approved criminal and employment check

CLINICAL SITES DICTATE MANY OF THE REQUIREMENTS, AND STUDENTS MUST COMPLY WITH THESE REQUIREMENTS OR MAY BE DENIED FACILITY ACCESS FOR CLINICAL EXPERIENCE.

\*Costs may vary, but the intent is to give the prospective student an idea of the financial requirements of the Surgical Technology student. The HOPE Grant (for those students who are HOPE-eligible) will pay tuition, however students should expect to pay for the costs of books. The above expense list does not include costs for food and mileage to the campus or clinical sites.

# **SURGICAL TECHNOLOGY PROGRAM**

## ***Mission and Purpose***

The Surgical Technology program of study is consistent with the philosophy and mission of the MGTC institutional mission. The Mission of the Surgical Technology Program is to prepare students for employment in medical facilities as integral members of the surgical teams. It is the purpose of the program's staff to provide learning opportunities, which introduce, develop, and reinforce academic occupational knowledge and hands-on specialty skills, along with attitudes required for success in acquiring, retaining, and advancing in this field. It is our purpose to meet the specific needs of the Middle Georgia community as well as economic growth and development to the citizens of the state by providing students with specific surgical assisting skills to deliver quality surgical patient care.

The program provides academic foundations in communications, mathematics, and human relations, as well as technical fundamentals. Program graduates are trained in the underlying fundamentals of surgical technology and are well prepared for employment and subsequent upward mobility. The program structure acknowledges individual differences and provides opportunities for students to seek fulfillment of their respective educational goals. The program does not discriminate on the basis of race, color, national origin, religion, sex, age, physical or mental handicap, disability or academic disadvantage or economic disadvantage.

To assist each student to attain his or her respective potential within the program, both the instructor and the student incur an obligation in the learning process. The instructor is a manager of instructional resources and organizes instruction in a manner that promotes learning. The student assumes responsibility for learning by actively participating in the learning process.

Important attributes for success of program graduates are analytical thinking, problem solving, and the ability to apply technology as the job requires. Surgical Technology is a dynamic profession, requiring careful attention to current curriculum and up-to-date instructional equipment. The program promotes the concept of change as the profession evolves and nurtures the spirit of involvement in lifelong professional learning.

## **Description**

The Surgical Technology diploma program prepares the student for employment in a variety of positions in the surgical field. The Surgical Technology Diploma Program provides learning opportunities which introduce, develop, and reinforce academic and technical knowledge, skills and attitudes required for job acquisition, retention, and advancement. Additionally, the program provides opportunities to upgrade present knowledge and skills or to retrain in Surgical Technology. Graduates of the program receive a Surgical Technology Diploma and are qualified for employment as surgical technologists.

The clinical portion of the program include skills such as:

1. scrubbing and donning sterile gown and gloves
2. draping and setting up the sterile back table and stands
3. assembling sutures, instrumentation, and sterile items
4. preparing power and high-tech equipment and items
5. passing instruments, equipment, and assisting the surgeon
6. assisting with closure and dressings of surgical wounds
7. reacting to trauma quickly and with sound judgment
8. acting as a non-sterile team member positioning the patient
9. preparing the rooms prior to and after each surgical case
10. working in ancillary areas such as recovery, endoscopy, labor and delivery, decontamination, sterile processing.

The classroom portion of the program includes theory instruction involving pathologies, diagnostics, and various surgical treatments for disease processes in the following services:

1. Diagnostic Surgery
2. General Surgery
3. Gastrointestinal Surgery
4. Genitourinary Surgery
5. Gynecological Surgery

6. Ear, Nose and Throat surgery
7. Orthopedic Surgery
8. Eye Surgery
9. Podiatry Surgery
10. Neurological surgery
11. Plastic and Reconstructive Surgery
12. Vascular Surgery
13. Cardiac surgery
14. Thoracic surgery

To prepare for the courses required for this career field, the student should obtain good grades and strengthen competencies in General Math and Health Sciences. The student should form good study habits and test-taking skills. There needs to be a significant allotment of time set aside in the day to read, outline, and study the textbook information, as well as review material covered in the classroom/clinical setting. The student needs to be aware of the physical and mental demands of the program and maintain overall good health accordingly.

### ***Physical Requirements***

Surgical Technology is a stressful and physically demanding course of study. To successfully complete the curriculum and function effectively as a surgical technologist during this course of study and after graduation from this program the student must:

1. **Possess visual acuity.** With or without corrected vision, the student should be able to read instrumentation calibrated in millimeters, identify delicate suture and needles, and be able to detect subtle differences in color and shading.
2. **Possess hearing ability.** With or without auditory aids, the student should be able to measure blood pressure using an aneroid sphygmomanometer, verbally obtain medical history from a patient, and receive oral communication during surgical procedures. The wearing of surgical masks in the operating rooms is required, therefore the ability to clearly communicate is made more difficult.
3. **Possess manual dexterity.** The student must be able to perform fine motor functions associated with the operation of surgical instrumentation and equipment. This includes the ability to maintain a steady hand and holding a position for lengthy procedures.
4. **Possess physical ability.** The student must be able to move, manipulate and operate surgical power equipment, transport, lift, and position patients for specialty surgical procedures, stand at the sterile field for long periods of time (this includes the ability to go without breaks for lengthy procedures), and lift and transport equipment and instrument sets up to fifty (50) pounds.
5. **Possess the ability to communicate.** With or without speaking aids, the student must be able to disseminate information relevant to surgical patient care. This includes the ability to communicate both verbally and in writing with patients, patients' family members, and medical and surgical personnel.
6. **Possess emotional stability.** The student must be able to make appropriate decisions in an emergency situation (this includes sound judgment calls in situations requiring ethical and moral practices not clearly defined) and in day-to-day interactions with patients, family members, staff, and others in routine and non-routine decision-making processes.

## **Professional Organizations and Certification**

Membership in professional organizations [National Board of Surgical Technology and Surgical Assisting (NBSTSA) and Georgia State Assembly of Surgical Technologists (GSAST)] is strictly voluntary; however, students are encouraged to join and become actively involved with both the national and state organizations.

Several hospital facilities employ surgical technologists prior to or without receiving certification, however it is highly recommended that the students apply and receive the certification because many facilities are hiring graduates into a probationary status until certification is achieved. Graduates of the MGTC Surgical Technology Program will be eligible to apply for certification through the National Board of Surgical Technology and Surgical Assisting . If the graduate applies through the school, they will sit for the exam on the last day of their final semester, and upon verification from the Program Director of successful completion, NBSTSA will award the graduate the CST designator as a Certified Surgical Technologists.

## **Employment Opportunities and Earning Potential**

1. Community Hospitals and Medical Centers
2. Ambulatory surgical Centers
3. Doctor's offices and clinical sites
4. Labor and Delivery Women's Centers
5. Veterinary Surgery Centers
6. Medical Research facilities
7. Central Sterile Processing Centers
8. Organ Procurement Facilities
9. Medical Supply Sales Centers
10. Technical Instruction Schools
11. Military or Missionary health facilities

Salary ranges from \$ 10.00 - \$ 18.00 per hour in Georgia. The local facilities have a salary of \$12.00 to \$14.00 and the larger medical centers and cities (Atlanta) pay \$14.00 to \$18.00. Salaries may be contingent upon certification, areas of employment, shift differentials, and whether the surgical technologist works outside normal work hours (pulls call).

The statements in this publication are for informational purposes and should not be construed as the basis of a contract between a student and the college.

**ADDITIONAL INFORMATION NOT CONTAINED IN THIS PACKET MAY BE OBTAINED BY CONTACTING ADMISSIONS OR THE PROGRAM CHAIRPERSON.**

(see contact information on page 1 or 2 of this packet)