SURGICAL TECHNOLOGY

INFORMATION PACKET

2022-2023 Academic Year

Gateway
Community College

Gateway Community College
20 Church Street
New Haven, CT 06510

GatewayCT.edu

Please disregard all previous versions of the Surgical Technology Information Packet. Please note: Information in this packet is subject to change. If you do not intend to apply to the Surgical Technology Program for the 2022-2023 academic year, please obtain an updated packet for future years.

Introduction

Surgical Technologists are integral members of the surgical team who work closely with surgeons, registered nurses, and anesthesia personnel. Surgical Technologists are also responsible for assembling and organizing all the specialized instruments and equipment needed for a wide variety of surgical procedures. They are experts in sterile technique, responsible for maintaining the sterile field during surgery.

The Surgical Technology Program at Gateway Community College (GCC) is licensed by the Connecticut Board of Regents and accredited by the Commission on Accreditation of Allied Health Education Programs (CAAHEP) upon the recommendation of the Accreditation Review Council on Education in Surgical Technology and Surgical Assisting (ARC/STSA). The program is accredited by the: Commission on Accreditation of Allied Health Education Programs (CAAHEP), www.caahep.org, 9355-113th Street N., #7709 Seminole, FL 33775. Phone: (727) 210-2350. Fax: (727) 210-2354. Email: mail@caahep.org.

Certification/Licensure Disclosure Statement:

Federal Regulation, 34 CFR 668.43-Institutional Information for Disclosure for Licensure Program requires the institution to disclose whether completion of a covered licensure program would be sufficient to meet licensure requirements in a State for that occupation. An institution can make the one or more of the following determinations:

The Surgical Technology Program at Gateway Community college is accredited by the Commission on Accreditation of Allied Health Education Programs (CAAHEP) 9355-113th St. N #7709, Seminole, FL 3373 and meets the state education requirements for "a recognized course of study in Surgical Technology" in the state of Connecticut. In addition, a graduate of the Gateway Surgical Technology Program in the state of Connecticut is eligible to take the national certification exam.

The Surgical Technology Program at Gateway Community College has not determined if the associate degree program in Surgical Technology meets the state education requirements in any other state, any U.S. Territory, or the District of Columbia. Program applicants should investigate each state certification/licensure requirements prior to accepting an offer of admission to the Surgical Technology Program at Gateway Community College.

The licensure boards in each state are responsible for establishing the requirements for licensure/certification for their state. Students who intend to seek certification/licensure in any state other than Connecticut need to consult with the state professional licensing board. The state professional licensing boards make the decision on whether an individual is eligible for certification/licensure based on the rules and regulations in place at the time the individual submits their application for certification/licensure.

Program Goal Statement:

The Surgical Technology Program prepares students to be competent entry-level Surgical Technologists in the cognitive, psychomotor, and affective learning domains.

Surgical Technology Program Goals:

- Apply principles of anatomy, physiology, pathophysiology, and microbiology to perioperative patient care. Assessment: Successful completion of preparatory courses such as Biology for Allied Health, Medical Terminology, and Microbiology for Surgical Technology.

- Distinguish the elements, action, and use of medications and anesthetic agents used during the perioperative experience.

- Demonstrate safe practice in the role of Surgical Technologist.

- Display competence in technical skills and aseptic technique in the perioperative environment.

- Practice responsible and accountable behavior within the role and competencies of the Surgical Technologist.

- Organize the intraoperative environment efficiently as a member of the surgical team.

- Apply learned knowledge and skills in the cognitive, psychomotor, and affective domains to become nationally certified as a Surgical Technologist.

Contact

Angel Pickett	Program Coordinator	203-285-2070	APickett@gwcc.commnet.edu

Application Process

The application period for the GCC Surgical Technology Program for **Spring 2023** is July 31, 2022 – October 31, 2022. The application for the GCC Surgical Technology Program is available on the College website, www.gatewayct.edu and can only be submitted on-line.

Applications and all transcripts must be submitted by the **deadline date of October 31, 2022. Late applications and transcripts will not be accepted.**

All applications that are completed by the October 31, 2022 deadline will be reviewed AFTER the application deadline, regardless of date of submission. Applicants will be notified by mail prior to December 1, 2022 as to their admission status.

All initial communication with students is to each student's community college email address. Applicants that have not activated their community college email address should go to http://www.ct.edu/netid.

Checklist for Application Process:

Students are required to submit the following to the GCC Admissions Office by the October 31, 2022 deadline:		
Items to Complete	**How to Complete**	**Date Completed**
Submit a general college application at GCC if you are not already a student.	Go to http://my.commnet.edu Click on apply for admission under "Other Resources"	
High school transcripts or high school diploma indicating date of graduation, General Educational Development (GED) diploma, or State High School Equivalency diploma.	Contact your high school and request. Contact the issuing agency for other proof of graduation options.	
Official College/University transcripts from **ALL** colleges ever attended (*including all CT Community Colleges*), regardless of the age of the transcripts and applicability to the Surgical Technology Program.	If a CT Community College - request through Banner Self-Service (Select the College, Student Records, Transcripts, Official Transcripts, select eTranscripts). All other colleges/universities contact that college/university and send electronically if possible. Must be FINAL transcripts to be considered complete. If transcript is from out of country, it must be evaluated by an approved agency to be considered complete.	
Proof of immunizations	Consult with the GCC Admissions Office for current immunizations required for general admission to the college.	
Students are required to submit the following on-line by the October 31, 2022 deadline:		
Gateway Community College Surgical Technology application	Surgical Technology Program applications for academic year 2022-2023 will be available on the Gateway Community College website, www.gatewayct.edu from July 31, 2022 – October 31, 2022. Applicants must complete all fields on the to be able to submit.	

Surgical Technology GPA

The Surgical Technology GPA is based only on the college courses with grades that meet the Surgical Technology Program General Education requirements. The Surgical Technology GPA is a calculation specific to the Gateway Community College Surgical Technology Program and may differ from your college GPA.

- If an applicant is using a course from a Fresh Start semester to meet a Surgical Technology Program general education requirement, that course will count in the calculation of the applicant's Surgical Technology GPA.

- If an applicant repeats a course, the highest eligible grade is used in calculating the Surgical Technology GPA.

- Applicants who have selected the CRT option for course grading will be given a "C" in the calculation of the Surgical Technology Admission GPA. For more information on grade conversion, please visit: https://www.ct.edu/academics/convert.

- For courses that require a minimum grade of "C+", BIO 115: Human Biology, CRT will not meet that minimum requirement to be eligible for admission.

- A grade of "CR" is not acceptable for any program general education requirements.

- If a student is substituting A&P I and II for the BIO 115: Human Biology program general education course requirement, the higher grade of the A&P courses will be used in the Surgical Technology GPA calculation.

Formula for Computing Ranking

The formula for computing ranking is as follows:

1. **50% Overall Surgical Technology GPA**
   The Surgical Technology GPA is a calculation specific to GCC Surgical Technology Program and may differ from your College GPA. The Surgical Technology GPA is based only on the college courses with grades that meet the Surgical Technology Program General Education Course requirements. Below are the courses that are included in the Surgical Technology GPA:

Gateway Community College Course	Required Grade
ENG*101: English Composition	C or greater
MAT*109: Quantitative Literacy or higher	C or greater
HIM*101: Medical Terminology	C or greater
CSA*105: Intro to Computer Applications	C or greater
BIO*115: Human Biology BIO*211 and BIO*212 can be substituted for BIO*115	C+ or greater C+ or greater in both BIO*211 and BIO*212
ENG*102: Literature and Composition or ENG*202: Technical Writing or ENG*200: Advanced Composition	C or greater
PSY*111: General Psychology	C or greater
Elective: Social Phenomena/Knowledge/ Understanding	C or greater
Elective: Aesthetic Dimensions	C or greater

2. **25% number of Surgical Technology Program general education courses completed by the application deadline date of October 31, 2022, or by the end of the fall semester.**

3. **25% final BIO 115 Human Biology grade.**

Selection Process

Students who apply to the GCC Surgical Technology Program will be selected using the following process:

1. All applications will be reviewed to determine Eligible/Ineligible status. Eligible status is defined as an applicant who has completed all the items listed in the Checklist for Application Process on page 4 and has completed all FALL FIRST YEAR courses OR is currently registered for all FALL FIRST YEAR courses in the Fall 2022 semester. Please see Program of Study listed on page 8 for a list of FALL FIRST YEAR courses.

2. Applicants who have completed all FALL FIRST YEAR courses as outlined in the Program of Study by the application deadline date of October 31, 2022 will be ranked using the *Formula for Computing Ranking.* (See page 6.)

3. Up to 50% of the available seats (up to 10 seats) in the Surgical Technology Program will initially be filled according to the rank order with applicants who have successfully completed **FALL FIRST YEAR** courses by the application deadline date of October 31, 2022. Applicants who have successfully completed **FALL FIRST YEAR** courses by the application deadline date of October 31, 2022 but are not in rank order for acceptance will be ranked again at the completion of the Fall 2022 semester with the pending applicants.

4. Applicants who are currently registered for **FALL FIRST YEAR** courses during the Fall 2022 semester and who will have all FALL FIRST YEAR courses completed by the end of the Fall 2022 semester will have an admission status of pending.

5. The pending applicant files will be reviewed again at the completion of the Fall 2022 semester and will be ranked using the *Formula for Computing Ranking.* (See page 6.)

6. Applicants with the admission status of pending and who are currently registered for **FALL FIRST YEAR** courses during the Fall 2022 semester must submit an unofficial transcript to Angel Pickett, apickett@gatewayct.edu by December 27, 2022. An official transcript must also be submitted to the GCC Admissions Office by January 6, 2023. If you are taking courses at GCC, you do NOT need to submit an unofficial or official transcript.

7. Students who meet the eligibility requirements but are not in the rank order for acceptance will be placed on the program waitlist. Applicants on the waitlist will be ranked using their rank number. If openings occur, applicants will be selected (in rank order) from the waitlist and offered a seat in the program. Applicants will be selected from the waitlist until the program reaches its maximum acceptance number.

8. The waitlist will not carry over from year to year. Applicants who are not selected from the waitlist will need to submit a new application if they want to be considered for admission to the Surgical Technology Program the following year.

Program of Study

The program of study reflects a full-time curriculum plan that students enrolled in the Surgical Technology Program are required to complete for graduation. Non-Surgical Technology courses must be taken in the semester indicated in the program of study or may be taken earlier; Surgical Technology courses must be taken in the stated sequence.

A grade of **C+** is required for the science general education requirement and core courses in the Surgical Technology program of study and a grade of **C** is required for all other general education requirement courses in the program of study. General education courses must be satisfactorily completed before or during the semester in which they are scheduled in the curriculum. Students who fail to complete required general education courses in the published sequence, or do not achieve the grade requirement, may be dismissed from the program.

Gateway Community College Equivalent

FALL FIRST YEAR

Course #	Title	Credits
ENG*101	Composition	3
MAT*109	Quantitative Reasoning	3
HIM*101	Medical Terminology	3
CSA*105	Intro to Computer Applications	3
BIO*115	Human Biology	4

SPRING FIRST YEAR

Course #	Title	Credits
ENG*102	Literature & Composition or ENG*202: Technical Writing or ENG*200: Advanced Composition	3
ELECTIVE	Social Phenomena/Knowledge/Understanding	3
SUR*109	Microbiology for Surgical Technologists	2
SUR*110	Operating Room Techniques	4
SUR*111	Operating Room Skills Seminar	4

FALL SECOND YEAR

Course #	Title	Credits
PSY*111	General Psychology	3
SUR*211	Clinical Surgical Experience I	6
SUR*213	Surgical Procedures I	3
SUR*215	Surgical Technology Pharmacology	3

SPRING SECOND YEAR

Course #	Title	Credits
ELECTIVE	Aesthetic Dimensions	3
SUR*212	Clinical Surgical Experience II	6
SUR*214	Surg. Procedures II	3
SUR*250	Advanced Seminar for the Surgical Technologist	3
	Total Credits:	**62**

Transfer Credits

Twenty-five percent (25%) of the total credits applicable to the Surgical Technology degree must be granted by the college awarding the degree. No more than thirty credit hours of non-traditional credit may count towards the Surgical Technology degree. Non-traditional credit includes CLEP, DSST, Challenge Exams, Military Service Schools, and Assessment of Prior Learning.

In accordance with transfer of credit guidelines set forth by the Board of Regents, general education courses that are part of the program of study will be accepted by Gateway Community College. Once an applicant earns credit, transfer credit for the same course from another college will not be granted.

Credits Earned Outside the United States – Transcripts need to be evaluated by the "Course By Course" option through the World Education Services Inc, PO Box 745, Old Chelsea Station, New York, New York 10113 or another approved site and submitted to the **Gateway Community College Admissions Office based on which location the student submitted an application.**

Transfer Grades

Courses from colleges not regionally accredited will not be accepted in transfer.

A minimum grade of C is required unless otherwise noted by the admission requirements.

Miscellaneous Information for Accepted
Surgical Technology Students

- An orientation will be held in November 2022 and January 2023 for accepted Surgical Technology students.

- Initial student advisement will occur at the November and January orientations.

- Students who are accepted into the Surgical Technology Program will be required to travel to ANY/ALL of the clinical sites that are affiliated with that Program. The rotation assignments are subject to change. GCC reserves the right to affiliate with additional clinical sites at any time.

- Students are responsible for arranging their own transportation to and from assigned clinical sites. Assignment of clinical sites is at the discretion of the program faculty. Clinical sites could be within an hour and a half (1 ½) radius of the College and may require a mandatory parking fee.

Tuition Statement

PROGRAM TOTAL $10,413.00 (tuition and clinical program fee). *Cost does not include student activity and transportation fees, malpractice insurance fee, textbooks, uniforms, or other materials.

Financial Aid may be available to those who qualify. Cost is subject to change. Current fee schedule can be found at: http://www.ct.edu/admission/tuition

Refund Policy

The policy for refund of tuition and fees can be found at: https://www.gatewayct.edu/Bursar/Refunds

Refund Procedure

The procedure for refunds can be found at: https://www.gatewayct.edu/Bursar/Refund-Procedures

Health Requirements

Immunization Requirements- students will receive a packet of information describing current program requirements.

Health Assessment Form - completed forms (which document specific requirements for the Surgical Technology Program) must be on file in accordance with college policy.

Basic Life Support (BLS) Certification

Students are required to provide documentation of current professional level certification in Basic Life Support for adult, child, and infant. Certification can only be earned through the American Heart Association or the American Red Cross and must remain current throughout the Program. Courses meeting this requirement are: The American Heart Association Basic Life Support (BLS) for Healthcare Providers **OR** The American Red Cross Basic Life Support for Healthcare Providers. Failure to comply will result in exclusion from the clinical learning experience.

Criminal Background Checks, Toxicology Screening & Healthcare Professional/Practice/Licensure or Registry Restrictions

Due to clinical learning affiliate requirements, criminal background checks and toxicology (drug) screening may be required for all Surgical Technology students prior to participation in clinical experiences. Students must follow instructions for obtaining a background and/or toxicology screening at college of attendance. Students who are found guilty of having committed a felony/misdemeanor and/or are found to have a positive toxicology screen may be prevented from participating in clinical experiences in accordance with clinical learning facility policy. Results of student background checks and toxicology screening do not become a part of the student's educational record, as defined by the Family Educational Rights and Privacy Act ("FERPA"). If a student cannot participate in a clinical rotation at an assigned facility, the student will not be able to complete the objectives of the course and of the program.

Nondiscrimination Policy

The Community College System of the State of Connecticut will not discriminate against any person on the grounds of race, color, religious creed, sex, gender identity or expression, age, national origin, ancestry, present or past history of mental disability, genetic information, marital status, mental retardation, sexual orientation, learning disability, or physical disability, including, but not limited to, blindness, or prior conviction of a crime, unless the provisions of sections 46a-60(b), 46a-80(b), or 46a- 81(b) of the Connecticut General Statutes are controlling or there is a bona fide occupational qualification excluding persons in one of the above protected groups. With respect to the foregoing, discrimination on the basis of sex shall include sexual harassment as defined in section 46a-60(8) of the Connecticut General Statutes. Although it is recognized that there are bona fide occupational qualifications which provide for exception from employment prohibitions, it is understood these exceptions are to be applied pursuant to section 46a-68-33 of the administrative regulations.

Further, the System will not discriminate against any person on the grounds of political beliefs or veteran status.

The following individuals have been designated to handle inquiries regarding the non-discrimination policies at Gateway Community College as the ***Title IX and Section 504/ADA Coordinator(s)*:**

Jennifer Wenderoth-Holster, Gender Equity Coordinator, Gateway Community College
Tel. (203) 285-2412
jwenderoth@gatewayct.edu

> *The mission of the Gender Equity Center is to coordinate on-campus sexual violence prevention programming, and to provide students with resources and referrals in response to sexual violence, including sexual assault, sexual harassment, stalking, and intimate partner violence.*
> - *Confidential Consultation*
> - *Confidential Crisis Response*
> - *Prevention Programming*

Ron Chomicz, Section 504/ADA Coordinator, Gateway Community College
Tel. (203)285-2234
rchomicz@gatewayct.edu

> *The Americans with Disabilities Act (ADA) prohibits discrimination against qualified individuals with disabilities on the basis of their disability. The ADA provides, in part, that "no qualified individual with a disability shall, by reason of such disability, be excluded from participation in or be denied the benefits of the services, programs, or activities of a public entity, or be subjected to discrimination by any such entity."*

Angelo Simoni, Executive Director of Student Relations, Title IX Coordinator
Tel. (860)723-0165
simonia@ct.edu

Alese Mulvihill, Dean of Students, Title IX Coordinator, Gateway Community College
(203)285-2210
amulvihill@gatewayct.edu

> *Gateway Community College works to ensure compliance with Title IX, which is a federal law that prohibits discrimination based on the sex (gender) of employees and students of educational institutions that receive federal financial assistance.*

Technical Standards

The Technical Standards reflect a sample of performance abilities and characteristics necessary to successfully complete the requirements of the Surgical Technology Program; these standards are not admission requirements. The student is responsible for notifying the Program Coordinator and the Disability Services Coordinator of conditions that may impact the student's ability to meet the Technical Standards.

Requirements	Standards	Examples
Acquiring fundamental knowledge	1. Ability to learn in classroom and educational settings 2. Ability to find sources of knowledge and acquire the knowledge 3. Ability to be a life-long learner 4. Novel and adaptive thinking	• Acquire, conceptualize and use evidence-based information from demonstrations and experiences in the basic and applied sciences, including but not limited to information conveyed through online coursework, lecture, group seminar, small group activities and physical demonstrations
Developing communication skills	1. Communication abilities for effective interaction with the health care team (patients, their supports, other professional and nonprofessional team members) 2. Sense-making of information gathered from communication 3. Social intelligence	• Accurately convey information using one or more means of communication (verbal, written, assisted (such as TTY and/or electronic) to patients and the health care team • Effectively communicate in teams

Requirements	Standards	Examples
Integrating knowledge to establish clinical judgment	Critical thinking, problem-solving and decision making ability sufficient for clinical judgment	• Ability to combine and relate didactic knowledge to clinical experience
Incorporating appropriate professional attitudes and behaviors into Surgical Technology	1. Concern for others, integrity, ethical conduct, accountability, interest and motivation 2. Acquire interpersonal skills for professional interactions with a diverse population of individuals, families and healthcare team 3. Acquire the skills necessary for promoting change for necessary quality health care 4. Cross-cultural competency	• Maintain effective, mature, and sensitive relationships with patients, students, faculty, staff and other professionals under all circumstances • Make proper judgments regarding safe and quality care • Function effectively under stress and adapt to changing environments inherent in clinical practice • Demonstrate professional role in interactions with patients, intra and inter professional teams • Operate in different cultural settings (including disability culture)
Mobility	Possess physical ability to bend, stoop, stand, or sit for long periods of time in one location with minimum/no movements or breaks	• Ambulate/move around without assistive devices • Ability to hold patient's extremity for a minimum of 5 minutes. • Ability to lift a minimum of 50 pounds and assist with moving patients

Requirements	Standards	Examples
Motor skills	Possess gross and fine motor ability sufficient to provide effective care in the operating room	• Manipulate fine and delicate sutures, instrumentations and equipment • Manipulate instruments, supplies and equipment with speed, dexterity and good eye-hand coordination
Hearing	Possess auditory ability to monitor and assess needs of the surgeon and other team members.	• Hear and understand muffled communications without visualization of the communicator's mouth/lips within 20 feet • Hear activation/warning signals on equipment
Tactile perception and Visual	1. Possess tactile perception to handle microscopic supplies, instrumentation and equipment. 2. Possess visual acuity for observation and assessment during surgical procedure	• Capable of manipulating delicate instrumentation, equipment and implantable items while wearing surgical gloves • Demonstrate ability enough to load a fine (10-0) suture onto needle holders with/without corrective lenses and while wearing safety glasses needs to have distant vision adequate to see within a 10-foot radius. • Demonstrate sufficient peripheral vision to anticipate and function while in the sterile surgical environment

The Technical Standards have been adapted from:

1   Marks, B., & Ailey, S. A. (2014) White Paper on Inclusion of Students with Disabilities in Nursing Educational Programs. Sacramento, CA: California Committee on Employment of People with Disabilities (CCEPD).

2   Student Handbook (n.d.), Skills Typically performed by Surgical Technologist. Retrieved from: https://www.ast.org/uploadedFiles/Main_Site/Content/Educators/Policy_and_Procedure_Manual.pdf

3   https://www.ast.org/uploadedFiles/Main_Site/Content/Educators/Student_Handbook3.pdf

<div align="center">**Case Requirements:**</div>

Scrub Skill Levels (Roles):

First Scrub Role

The following duties must be completed proficiently in order to count a case in the first scrub role:

- Verify supplies & equipment needed for the surgical procedure
- Set up the sterile field with instruments, supplies, equipment, medication(s) and solutions needed for the procedure
- Perform counts with the circulator prior to procedure and before the incision is closed.
- Pass instruments and supplies to the sterile surgical team members during the procedure.
- Maintain sterile technique as measured by recognized breaks in technique and demonstrate knowledge of how to correct with appropriate technique

Second Scrub Role

Student who is at the sterile field who has not met the first scrub role, but actively participates in surgical procedure in its entirety but completing any of the following:

- Sponging
- Suctioning
- Cutting suture
- Holding retractors
- Manipulating endoscopic camera

Observation Role

For students who are in the operating room performing roles that do not meet the criteria for first or second scrub roles; these cases are not part of required case count, but must be documented by the program.

Case Number Graduation Requirements:

- Total number of cases must complete = 120
- General cases = 30 total; 20 in first scrub role, the remaining 10 cases may be in either the First or Second Scrub Role
- Surgical Specialty Cases = 90 total; 60 in first scrub role, additional 30 cases in either the First or Second
    - Scrub Role
    - Distributed amongst a minimum of 4 surgical specialties
        - A minimum of 10 cases in the First Scrub Role must be completed in each required minimum of four specialties (40 cases total required).
        - The additional 20 cases in the First Scrub Role may be distributed amongst any one specialty or multiple surgical specialties

- Optional surgical Specialties
  - Diagnostic endoscopy and vaginal delivery cases are NOT mandatory
    - 10 diagnostic endoscopic cases and 5 vaginal deliveries can be counted toward the maximum number of second scrub cases
- Case requirements in the Second Scrub Role are not mandatory
- Observation cases **must** be **documented** but do not count towards the 120 required cases