

## Career Cluster ▶

alth Science

Career Pathway ▶

Therapeutic Services

# SURGICAL TECHNOLOGY (10-512-1)

Associate of Applied Science Degree
Most Courses Offered at Kenosha Campus

<sup>∆</sup> Suggested Sequence		Course Number		Course Title	Requisites	Credits	Hrs/Wk Lec - Lab
Summer		806-177	*	General Anatomy & Physiology	Prereq: 806-134 (See Note 7)	4	2-4
Semester 1		512-125	*	Intro to Surgical Technology	Prereq: 806-177 & Advisor Consent Coreq: 501-101	4	2-4
		512-126	*	Surgical Tech Fundamentals 1	Prereq: 806-177 & Advisor Consent Coreq: 501-101; 512-125	4	2-4
		512-127	*	Exploring Surgical Issues	Prereq: Advisor Consent Coreq: 512-125; 126	2	2-0
		501-101	*	Medical Terminology	Prereg: 838-105 (See Note 1)	3	3-0
		806-179	*	Anatomy and Physiology, Advanced	Prereq: 806-177 (See Note 7)	4	2-4
Semester 2		512-128	*	Surgical Tech Fundamentals 2	Prereq: 512-126; 501-101; 512-125; 512-127 Coreq: 806-179; 806-197; 512-129	4	2-4
		512-129	*	Surgical Pharmacology	Prereg: 512-125; 512-126	2	2-0
		512-130	*	Surgical Skills Applications 1	Prereq: 512-125; 126; 127; 128 & Inst. Consent Coreq: 512-129	2	0-2-3
Se		806-197	*	Microbiology	Prereq: 806-177 OR 806-105 (See Note 7&12)	4	3-2
		801-136		English Composition 1	Prereq: 831-103 (See Note 1)	3	3-0
Semester 3		512-131	*	Surgical Interventions 1	Prereq: 512-128; 512-130	4	4-0
		512-132	*	Surgical Technology Clinical 1	Prereq: 512-128; 129; 130 & Instructor Consent Coreq: 512-131	3	0-0-9
		512-133	*	Surgical Technology Clinical 2	Prereq: 512-129; 130; 132 & Instructor Consent Coreq: 512-131	3	0-0-9
Se		809-198		Psychology, Introduction to	Prereq: 838-105 (See Note 1 & 11)	3	3-0
		801-196		Oral/Interpersonal Communication	Prereq: 838-105 (See Note 1)	3	3-0
Semester 4		512-142	*	Surgical Interventions II	Prereq: 512-131; 512-133 Coreq: 512-135; 512-136	4	4-0
		512-135	*	Surgical Technology Clinical 3	Prereq: 512-131; 133 & Instructor Consent Coreq: 512-142	3	0-0-9
		512-136	*	Surgical Technology Clinical 4	Prereq: 512-135 & Instructor Consent Coreq: 512-142	3	0-0-0-12
		809-196		Sociology, Introduction to	Prereq: 838-105 (See Note 1 & 11)	3	3-0
Electives		ke 5 elective ggested Elec		dits. Any associate degree level cours s:	se may be taken as an elective.	5	
A C a vira a a masi cha	tol:-		_	Mathematics (3 Cr)	103-143 Computers for Professionals (3 Cr)  net. Minimum Program Total Credits Required	70	



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#### PROGRAM DESCRIPTION

Surgical Technology graduates are allied health professionals who are an integral part of the team of medical practitioners providing surgical care to patients in a variety of settings. The surgical technologist works under medical supervision to facilitate the safe and effective conduct of invasive surgical procedures. This individual works to ensure that the operating room environment is safe, that equipment functions properly, and that the operative procedure is conducted under conditions that maximize patient safety. A surgical technologist possesses expertise in the theory and application of sterile and aseptic technique and combines the knowledge of human anatomy, surgical procedures, and implementation tools and technologies to facilitate a physician's performance of invasive therapeutic and diagnostic procedures.

#### PROGRAM LEARNING OUTCOMES

#### Graduates of the Surgical Technology Program should be able to:

- 1. Apply healthcare and technological science principles to the perioperative environment.
- 2. Maintain principles of sterile technique in the surgical environment.
- 3. Provide a safe, efficient, and supportive environment for the patient.
- 4. Prepare the patient, operating room, and surgical team for the perioperative phase.
- 5. Perform intraoperative case management in the scrub role.
- 6. Perform postoperative case management.
- Function as an ethical, legal, and professional member of the healthcare team as determined by governing bodies.

The Surgical Technology program is fully accredited by the Commission on Accreditation of Allied Health Education Programs:

1361 Park Street Clearwater, FL 33756 Phone: (727) 210-2350 Fax: (727) 210-2354

#### **CORE ABILITIES**

Gateway believes students need both technical knowledge and skills and core abilities in order to succeed in a career and in life. The following nine core abilities are the general attitudes and skills promoted and assessed by all Gateway programs. All Gateway graduates should be able to:

- 1. Act responsibly
- 2. Communicate clearly and effectively
- 3. Demonstrate essential comp. skills
- 4. Demonstrate essential math skills
- 5. Develop job seeking skills

- 6. Respect themselves and others as a member of a diverse community
- 7. Think critically and creatively
- 8. Work cooperatively
- 9. Value learning

#### ADMISSION REQUIREMENTS

- 1. Students must submit an application & \$30 fee.
- 2. Students must complete reading, writing, math, and computer skills placement assessments.
- 3. Students must submit official high school, GED, or HSED transcript including a graduation or passing date.
- 4. Students must complete a Background Disclosure form and must request and pay for a background check. Applicants for all health science programs are subject to a review of their criminal backgrounds. Positive background checks may negatively impact your ability to pursue a health career at Gateway Technical College. Each case will be individually evaluated based on all available evidence provided to the college.
- 5. Students must complete a functional ability form verifying they have read and understand the functional abilities for the program.

#### GRADUATION REQUIREMENTS

- 1. Minimum 70 credits with an average of 2.0 or above.
- 2. \*A minimum grade of 2.0 ("C") or above for these major courses.
- 3. Complete the Certified Surgical Technologist exam upon completion of the program which includes an extra fee that the student is required to pay in addition to their normal tuition fees. This exam is an accreditation requirement per ARC-STSA and most employers located in this area require their surgical technology staff to have this certification within a year.

For a complete list of Graduation Requirements check the Student Handbook.

#### NOTES

- A satisfactory placement test score (or successful remediation) is required prior to enrollment. See an advisor for details.
- 2. A liability fee is assessed on all clinical courses.
- 3. Clinical sites may require proof of insurance.
- 4. There is a daily exposure to latex products in this program. Those with latex sensitivity may find exposure to latex impossible to avoid in this environment.
- 5. Students will be selected for their initial core 512 courses using a petitioning process.
- 6. Students will be required to provide annual tuberculosis test results, proof of influenza immunization, and a 10 panel drug screen before clinical placements can occur. Additionally, students will be required to remain CPR certified for the HealthCare Provider with American Heart Association during the entire duration of the program.
- 7. The prereg for this course must have been completed with a min. grade of 'C'
- 8. This program has a second-tier admission process for clinical/practicum/program courses called petitioning. Students are selected based on completion of academic eligibility requirements and district residency. See <a href="https://www.gtc.edu/student-services/admissions/what-petitioning">https://www.gtc.edu/student-services/admissions/what-petitioning</a> for additional information.
- 9. Students must complete a total of 120 surgical procedures (80 that are first scrub and 40 second scrub) during the clinical rotation per ARC-STSA requirements.
- Please note that your program may require additional fee(s) for: Criminal Background Check, Medical Documentation Manager, and/or Drug Testing.
- 11. Transfer credits in Social Science may substitute for this course. See an advisor for details.
- 12. Students in this program should complete 806-177 as the pre-req for this course.

### OTHER INFORMATION

Gateway Technical College reserves the right to modify curriculum requirements for students who interrupt enrollment for a period of two years or take over seven years to complete. Tuition and material fees are determined by the board of the Wisconsin Technical College System. Consult Web Advisor for exact fee amounts. Occasionally, the District may offer a particular course out of published sequence. By doing so, the District does not obligate itself to offer succeeding courses out of published sequence.

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To schedule an appointment with an advisor, please call 1-800-247-7122.  For a complete list of course descriptions (and possible online courses) for this program, please consult Web Advisor on our web page at <a href="https://www.gtc.edu">www.gtc.edu</a> .					
My advisor is	My advisor's contact information is				