### Therapeutic Services

#### SURGICAL TECHNOLOGY
**(10-512-1)**
Associate of Applied Science Degree
Most Courses Offered at Kenosha Campus

### Career Cluster
- **Career Cluster**: Therapeutic Services
- **Career Pathway**: Surgical Technology

### Course Listing

<table>
<thead>
<tr>
<th>Suggested Sequence</th>
<th>Course Number</th>
<th>Course Title</th>
<th>Prereq.</th>
<th>Credits</th>
<th>Hrs/Wk</th>
</tr>
</thead>
<tbody>
<tr>
<td>Summer</td>
<td>806-177</td>
<td>* General Anatomy &amp; Physiology</td>
<td>Prereq: 806-134 (See Note 8)</td>
<td>4</td>
<td>2-4</td>
</tr>
<tr>
<td></td>
<td>512-125</td>
<td>* Intro to Surgical Technology</td>
<td>Prereq: 806-177 &amp; Advisor Consent Coreq: 501-101</td>
<td>4</td>
<td>2-4</td>
</tr>
<tr>
<td></td>
<td>512-126</td>
<td>* Surgical Tech Fundamentals 1</td>
<td>Prereq: 806-177 &amp; Advisor Consent Coreq: 501-101; 512-125</td>
<td>4</td>
<td>2-4</td>
</tr>
<tr>
<td></td>
<td>512-127</td>
<td>* Exploring Surgical Issues</td>
<td>Prereq: Advisor Consent Coreq: 512-125; 126</td>
<td>2</td>
<td>2-0</td>
</tr>
<tr>
<td></td>
<td>501-101</td>
<td>* Medical Terminology</td>
<td>Prereq: 838-105 (See Note 1)</td>
<td>3</td>
<td>3-0</td>
</tr>
<tr>
<td></td>
<td>806-179</td>
<td>* Anatomy and Physiology, Advanced</td>
<td>Prereq: 806-177 (See Note 8)</td>
<td>4</td>
<td>2-4</td>
</tr>
</tbody>
</table>

#### Semester 1

|                    | 512-129      | * Surgical Pharmacology | Prereq: 512-125; 512-126 | 2       | 2-0   |
|                    | 512-130      | * Surgical Skills Applications 1 | Prereq: 512-125; 126 Coreq: 512-128; 129 | 2       | 0-2-3 |
|                    | 806-197      | * Microbiology | Prereq: 806-177 (See Note 8) | 4       | 3-2   |
|                    | 801-136      | English Composition 1 | Prereq: 831-103 (See Note 1) | 3       | 3-0   |

#### Semester 2

|                    | 512-131      | * Surgical Interventions 1 | Prereq: 512-128; 512-130 | 4       | 4-0   |
|                    | 512-132      | * Surgical Technology Clinical 1 | Prereq: 512-128; 130 & Instructor Consent Coreq: 512-131 | 3       | 0-0-9 |
|                    | 512-133      | * Surgical Technology Clinical 2 | Prereq: 512-132 & Instructor Consent Coreq: 512-131 | 3       | 0-0-9 |
|                    | 809-198      | Psychology, Introduction to | Prereq: 838-105 (See Note 1) | 3       | 3-0   |
|                    | 801-196      | Oral/Interpersonal Communication | Prereq: 838-105 (See Note 1) | 3       | 3-0   |

#### Semester 3

|                    | 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) | 3       | 3-0   |

#### Electives

- **Take 5 elective credits. Any associate degree level course may be taken as an elective.**

**Suggested Electives:**
- 804-107 College Mathematics (3 Cr)
- 103-143 Computers for Professionals (3 Cr)

### Notes
- Courses may be taken out of suggested sequence as long as requisites have been met.
- ∆
- √

### Program Total Required

- **Program Total Required**: 70
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.
7. Function as an ethical, legal, and professional member of the healthcare team as determined by governing bodies.

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 Wisconsin residency form.
5. Students must complete a Background Disclosure form and must request and pay for a background check.
6. Students must complete a functional ability form verifying they have read and understand the functional abilities for the program.

GRADUATION REQUIREMENTS
1. 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 does include a fee that the students will be required to pay. This is a requirement of the ARC-STSA.

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

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 the Master Class Schedule 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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For a complete list of course descriptions (and possible online courses) for this program, please consult Web Advisor on our web page at [www.gtc.edu](http://www.gtc.edu).

You may call Student Services at 1-800-247-7122 for additional information.

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My advisor is __________________________. My advisor’s contact information is __________________________.