SURGICAL TECHNOLOGY
- ASSOCIATE OF APPLIED SCIENCE DEGREE (AAS)

Explore More About This Program: https://cwi.edu/program/surgical-technology

Degree Requirements

<table>
<thead>
<tr>
<th>Course</th>
<th>Course Title</th>
<th>Min Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Program Admission Requirements</strong></td>
<td></td>
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<tr>
<td>BIOL 227</td>
<td>Human Anatomy and Physiology I (GE Elective) 2</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 227L</td>
<td>Human Anatomy and Physiology I Lab (GE Elective) 2</td>
<td>1</td>
</tr>
<tr>
<td>BIOL 228</td>
<td>Human Anatomy and Physiology II</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 228L</td>
<td>Human Anatomy and Physiology II Lab</td>
<td>1</td>
</tr>
<tr>
<td>HLTH 101</td>
<td>Medical Terminology</td>
<td>3</td>
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</tbody>
</table>

**General Education Requirements**

*Complete the following course to fulfill the GEM 1 requirement:*

GEM 1 - Written Communication course 3

*Complete the following course to fulfill the GEM 2 requirement:*

GEM 2 - Oral Communication course 3

*Complete the following course to fulfill the GEM 3 requirement:*

GEM 3 - Mathematical Ways of Knowing course 3

*Complete the following course to fulfill the GEM 6 requirement:*

GEM 6 - Social & Behavioral Ways of Knowing course 3

**Major Requirements**

<table>
<thead>
<tr>
<th>Course</th>
<th>Course Title</th>
<th>Min Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>SURG 100</td>
<td>Introduction and Basic Sciences</td>
<td>3</td>
</tr>
<tr>
<td>SURG 101</td>
<td>Operating Room Techniques</td>
<td>5</td>
</tr>
<tr>
<td>SURG 102</td>
<td>Sterilization and Disinfection</td>
<td>1</td>
</tr>
<tr>
<td>SURG 103</td>
<td>Surgical Technological Sciences</td>
<td>3</td>
</tr>
<tr>
<td>SURG 110</td>
<td>Preparation of the Surgical Patient</td>
<td>3</td>
</tr>
<tr>
<td>SURG 111</td>
<td>Surgical Procedures</td>
<td>6</td>
</tr>
<tr>
<td>SURG 116</td>
<td>Perioperative Care of Surgical Patients</td>
<td>1</td>
</tr>
<tr>
<td>SURG 132</td>
<td>Surgery Clinical Practice</td>
<td>8</td>
</tr>
<tr>
<td>SURG 150</td>
<td>Job-Seeking Skills</td>
<td>1</td>
</tr>
<tr>
<td>SURG 290</td>
<td>Surgical Technology Capstone</td>
<td>7</td>
</tr>
</tbody>
</table>

Minimum Credit Hours Required 61

1  Courses required prior to program entry are included in degree requirements and total credits.
2  This course is a prerequisite to program entry and fulfills the GE Elective requirement for an Associate of Applied Science degree.

Plan of Study Guide

Below is the required sequence of courses that you need to take in order to complete your program requirements. Please register for each semester as shown below using the Student Planning tool in myCWI. Consult your Student Success Advisor for any questions regarding this course sequence plan.

**First Year**

<table>
<thead>
<tr>
<th>Summer</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 227</td>
<td>Human Anatomy and Physiology I (Prerequisite to Program Entry - GE Elective) 1</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 227L</td>
<td>Human Anatomy and Physiology I Lab (Prerequisite to Program Entry - GE Elective) 1</td>
<td>1</td>
</tr>
<tr>
<td>BIOL 228</td>
<td>Human Anatomy and Physiology II (Prerequisite to Program Entry) 1</td>
<td>3</td>
</tr>
</tbody>
</table>
BIOL 228L  Human Anatomy and Physiology II Lab (Prerequisite to Program Entry)  1  1
HLTH 101  Medical Terminology (Prerequisite to Program Entry)  1  3
GEM 2  Oral Communication course  2  3
GEM 3 - Mathematical Ways of Knowing course  2  3
GEM 6 - Social & Behavioral Ways of Knowing course  2,3  3

Total Semester Credit Hours  20

Fall
SURG 100  Introduction and Basic Sciences  3
SURG 101  Operating Room Techniques  5
SURG 102  Sterilization and Disinfection  1
SURG 103  Surgical Technological Sciences  3
SURG 110  Preparation of the Surgical Patient  3
SURG 150  Job-Seeking Skills  1

Total Semester Credit Hours  16

Spring
SURG 111  Surgical Procedures  6
SURG 116  Perioperative Care of Surgical Patients  1
SURG 132  Surgery Clinical Practice  8

Total Semester Credit Hours  15

Second Year
Summer
SURG 290  Surgical Technology Capstone  7
GEM 1 - Written Communication course  2  3

Total Semester Credit Hours  10

Minimum Credit Hours Required  61

1 Courses required prior to program entry are included in degree requirements and total credits.
2 These courses should be taken in whichever semester they fit best for the student, preferably during a summer semester. Alternatively, they can be taken after the completion of Surgical Technology courses.
3 PSYC 101 Introduction to Psychology is advised.

IMPORTANT: This program has a fall start date but all prerequisite courses (listed in the First Year, Summer semester block) must be completed prior to beginning the Surgical Technology courses.

Program Outcomes
The following are student learning outcomes for the Associate of Applied Science in Surgical Technology at CWI:

1. Maintain an ethical and compassionate approach to patient centered care in the operating room.
2. Uphold the highest standard of sterile technique.
3. Understand the limitations and duties of the scope of practice for surgical technologists.
4. Possess a thorough knowledge of anatomy and physiology and be able to apply that knowledge in a surgical setting.
5. Anticipate the needs of the surgical team before, during, and after a procedure.
6. Solid comprehension of surgical instrumentation and equipment and their uses.
7. Knowledge and use of appropriate medical terminology.
8. Appropriate handling and disposal of sharps and infectious waste.
9. Recognize the value of teamwork and be able to function well in a team environment.
10. Demonstrate a working knowledge of surgical pharmacology and anesthesia.