



Surgical Technology, Associate of Applied Science Degree ST13

Surgical Technologists 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 under the supervision of a surgeon to ensure that the operating room or 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.

This program prepares graduates to sit for the national certification examination. The correlated clinical instruction stresses manual dexterity in using surgical instruments, the application of aseptic technique, and safe patient care with emphasis on medical ethics and legal considerations.

The Surgical Technology program is in continuing accreditation status and is accredited by Commission on Accreditation of Allied Health Education Programs (CAAHEP), 9355 -113th St. #7709 Seminole FL, 33775, Phone 727-210-2350, www.caahep.org based on the recommendation from the Accreditation Review Council on Education in Surgical Technology and Surgical Assisting (ARC/STSA) located at 19751 E Mainstreet, Parker, CO. 80138, Phone 303-694-9262, www.arcsta.org.

Program Effectiveness Data (<http://https://www.columbustech.edu/academics/division-of-health-science/11999-2/>)

This is a competitive admissions program. Please see the Admissions section (/Catalogs/Columbus-Technical-College/2023-2024/2023-2024-Catalog-and-Student-Handbook/Student-Handbook/Admissions) of the Student Handbook/Catalog for more information.

Curriculum Outline

All pre-requisite courses and occupational courses that are identified below must be successfully completed with a grade of C or better before submitting application packet.

Required Courses

SEMN 1000

First Semester Seminar

0

ENGL 1101 (/Catalogs/Columbus- Technical-College/2023- 2024/2023-2024-Catalog- and-Student- Handbook/Courses/ENGL- English/1000/ENGL-1101)	Composition and Rhetoric	3
MATH 1111 (/Catalogs/Columbus- Technical-College/2023- 2024/2023-2024-Catalog- and-Student- Handbook/Courses/MATH- Mathematics/1000/MATH- 1111)	College Algebra	3
PSYC 1101 (/Catalogs/Columbus- Technical-College/2023- 2024/2023-2024-Catalog- and-Student- Handbook/Courses/PSYC- Psychology/1000/PSYC- 1101)	Introductory Psychology	3
HUMN xxxx	Fine Arts Elective (3)	3
	Gen Core Requirement – From areas I-IV	3
BIOL 2113 (/Catalogs/Columbus- Technical-College/2023- 2024/2023-2024-Catalog- and-Student- Handbook/Courses/BIOL- Biology/2000/BIOL-2113)	Anatomy and Physiology I	3
BIOL 2113L (/Catalogs/Columbus- Technical-College/2023- 2024/2023-2024-Catalog- and-Student- Handbook/Courses/BIOL- Biology/2000/BIOL-2113L)	Anatomy & Physiology Lab I	1
BIOL 2114 (/Catalogs/Columbus- Technical-College/2023- 2024/2023-2024-Catalog- and-Student- Handbook/Courses/BIOL- Biology/2000/BIOL-2114)	Anatomy and Physiology II	3

BIOL 2114L (/Catalogs/Columbus- Technical-College/2023- 2024/2023-2024-Catalog- and-Student- Handbook/Courses/BIOL- Biology/2000/BIOL-2114L)	Anatomy & Physiology Lab II	1
ALHS 1090 (/Catalogs/Columbus- Technical-College/2023- 2024/2023-2024-Catalog- and-Student- Handbook/Courses/ALHS- Allied-Health- Services/1000/ALHS- 1090)	Medical Terminology for Allied Health Sciences	2
BIOL 2117 (/Catalogs/Columbus- Technical-College/2023- 2024/2023-2024-Catalog- and-Student- Handbook/Courses/BIOL- Biology/2000/BIOL-2117)	Introductory Microbiology	3
BIOL 2117L (/Catalogs/Columbus- Technical-College/2023- 2024/2023-2024-Catalog- and-Student- Handbook/Courses/BIOL- Biology/2000/BIOL-2117L)	Introductory Microbiology Lab	1
SURG 1010 (/Catalogs/Columbus- Technical-College/2023- 2024/2023-2024-Catalog- and-Student- Handbook/Courses/SURG- Surgical- Technology/1000/SURG- 1010)	Introduction to Surgical Technology	8
SURG 1080 (/Catalogs/Columbus- Technical-College/2023- 2024/2023-2024-Catalog- and-Student- Handbook/Courses/SURG- Surgical- Technology/1000/SURG- 1080)	Surgical Microbiology	2

<p>SURG 1100 (/Catalogs/Columbus- Technical-College/2023- 2024/2023-2024-Catalog- and-Student- Handbook/Courses/SURG- Surgical- Technology/1000/SURG- 1100)</p>	<p>Surgical Pharmacology</p>	<p>2</p>
<p>SURG 1020 (/Catalogs/Columbus- Technical-College/2023- 2024/2023-2024-Catalog- and-Student- Handbook/Courses/SURG- Surgical- Technology/1000/SURG- 1020)</p>	<p>Principles of Surgical Technology</p>	<p>7</p>
<p>SURG 2110</p>		
<p>SURG 2120 (/Catalogs/Columbus- Technical-College/2023- 2024/2023-2024-Catalog- and-Student- Handbook/Courses/SURG- Surgical- Technology/2000/SURG- 2120)</p>	<p>Surgical Technology Clinical II</p>	<p>3</p>
<p>SURG 2030 (/Catalogs/Columbus- Technical-College/2023- 2024/2023-2024-Catalog- and-Student- Handbook/Courses/SURG- Surgical- Technology/2000/SURG- 2030)</p>	<p>Surgical Procedures I</p>	<p>4</p>
<p>SURG 2130 (/Catalogs/Columbus- Technical-College/2023- 2024/2023-2024-Catalog- and-Student- Handbook/Courses/SURG- Surgical- Technology/2000/SURG- 2130)</p>	<p>Surgical Technology Clinical III</p>	<p>3</p>

SURG 2040 (/Catalogs/Columbus- Technical-College/2023- 2024/2023-2024-Catalog- and-Student- Handbook/Courses/SURG- Surgical- Technology/2000/SURG- 2040)	Surgical Procedures II	4
SURG 2140 (/Catalogs/Columbus- Technical-College/2023- 2024/2023-2024-Catalog- and-Student- Handbook/Courses/SURG- Surgical- Technology/2000/SURG- 2140)	Surgical Technology Clinical IV	3
SURG 2240 (/Catalogs/Columbus- Technical-College/2023- 2024/2023-2024-Catalog- and-Student- Handbook/Courses/SURG- Surgical- Technology/2000/SURG- 2240)	Seminar in Surgical Technology	2

ENGL 1101 (/Catalogs/Columbus-Technical-College/2023-2024/2023-2024-Catalog-and-Student-Handbook/Courses/ENGL-English/1000/ENGL-1101), MATH 1111 (/Catalogs/Columbus-Technical-College/2023-2024/2023-2024-Catalog-and-Student-Handbook/Courses/MATH-Mathematics/1000/MATH-1111), PSYC 1101 (/Catalogs/Columbus-Technical-College/2023-2024/2023-2024-Catalog-and-Student-Handbook/Courses/PSYC-Psychology/1000/PSYC-1101), BIOL 2113 (/Catalogs/Columbus-Technical-College/2023-2024/2023-2024-Catalog-and-Student-Handbook/Courses/BIOL-Biology/2000/BIOL-2113), BIOL 2113L, BIOL 2114 (/Catalogs/Columbus-Technical-College/2023-2024/2023-2024-Catalog-and-Student-Handbook/Courses/BIOL-Biology/2000/BIOL-2114), BIOL 2114L: courses used in ranking for competitive admission. All other general education courses must be completed prior to program acceptance.

TOTAL CREDIT HOURS: 70