

Surgical Technology

Surgical Technology Suggested Course Sequence

The following is the suggested plan for when to take each course to complete the Associate in Applied Science degree, based on the program requirements of the 2023-2024 catalog. This is only a recommendation — you may take courses in another order upon consultation with your advisor. This plan is based on you starting with college-level math and English courses, starting your program in the fall, and attending full-time. You can also follow this sequence if you attend part-time. Speak with your academic advisor about the plan and any questions. This program might also offer diplomas or certificates; visit the catalog or contact the program for details. Visit the Academic Advising page for instructions on locating your assigned advisor: <https://www.cpsc.edu/academics/academic-advising>

Term I		Credits
SUR 110	Intro to Surgical Technology	3.0
SUR 111	Periop Patient Care	7.0
MED 121	Medical Terminology I	3.0
ACA 122	College Transfer Success	1.0
Credits		14
Term II		
SUR 122AB	Surgical Procedures I	3.0
SUR 123AB	Sur Clinical Practice I	3.5
BIO 168	Anatomy and Physiology I	4.0
ENG 111	Writing and Inquiry	3.0
Credits		13.5
Term III		
SUR 122BB	Surgical Procedures I	3.0
SUR 123BB	Sur Clinical Practice I	3.5
BIO 169	Anatomy and Physiology II	4.0
Credits		10.5
Term IV		
SUR 134	Surgical Procedures II	5.0
SUR 135	Sur Clinical Practice II	4.0
ENG 114	Professional Research & Reporting	3.0
MAT 110	Mathematical Measurement and Literacy	3.0
or MAT 143	or Quantitative Literacy	
or MAT 152	or Statistical Methods I	
or MAT 171	or Precalculus Algebra	
Credits		15
Term V		
SUR 137	Professional Success Preparation	1.0
SUR 210	Advanced Sur Clinical Practice	2.0
SUR 211	Advanced Theoretical Concepts	2.0
SUR 212	Surgical Clinical Supplement	4.0
PSY 150	General Psychology	3.0
COM 110	Introduction to Communication	3.0
or COM 231	or Public Speaking	
Humanities/Fine Arts		3.0
Credits		18
Total Credits		71

SUR 110. Intro to Surgical Technology. 3.0 Credits. Class-3.0.

Clinical-0.0. Lab-0.0. Work-0.0

This course provides a comprehensive study of peri-operative care, patient care concepts, and professional practice concepts within the profession of surgical technology. Topics include: introductory concepts, organizational structure and relationships, legal, ethical and moral issues, medical terminology, pharmacology, anesthesia, wound healing management concepts, and the technological sciences. Upon completion, students should be able to apply theoretical knowledge of the course topics to the practice of surgical technology.

Corequisites: Take SUR 111

SUR 111. Periop Patient Care. 7.0 Credits. Class-5.0. Clinical-0.0.

Lab-6.0. Work-0.0

This course provides the surgical technology student the theoretical knowledge required to function in the pre-operative, intra-operative, and post-operative role. Topics include asepsis, disinfection and sterilization, physical environment, instrumentation, equipment, peri-operative patient care, and peri-operative case management. Upon completion, students should be able to apply the principles and practice of the peri-operative team member to the operative environment.

Corequisites: Take SUR 110

SUR 122. Surgical Procedures I. 6.0 Credits. Class-5.0. Clinical-0.0.

Lab-3.0. Work-0.0

This course provides an introduction to selected basic and intermediate surgical specialties that students are exposed to the first clinical rotation. Emphasis is placed on related surgical anatomy, pathology, and procedures that enhance theoretical knowledge of patient care, instrumentation, supplies, and equipment. Upon completion, students should be able to correlate, integrate, and apply theoretical knowledge of the course topics to the clinical operative environment.

Prerequisites: Take all: SUR 110 and SUR 111

Corequisites: Take SUR 123

SUR 122AB. Surgical Procedures I. 3.0 Credits. Class-2.5. Clinical-0.0.

Lab-1.5. Work-0.0

This course provides an introduction to selected basic and intermediate surgical specialties that students are exposed to the first clinical rotation. Emphasis is placed on related surgical anatomy, pathology, and procedures that enhance theoretical knowledge of patient care, instrumentation, supplies, and equipment. Upon completion, students should be able to correlate, integrate, and apply theoretical knowledge of the course topics to the clinical operative environment.

Prerequisites: Take all: SUR 110 and SUR 111

Corequisites: Take SUR 123

SUR 122BB. Surgical Procedures I. 3.0 Credits. Class-2.5. Clinical-0.0.

Lab-1.5. Work-0.0

This course provides an introduction to selected basic and intermediate surgical specialties that students are exposed to the first clinical rotation. Emphasis is placed on related surgical anatomy, pathology, and procedures that enhance theoretical knowledge of patient care, instrumentation, supplies, and equipment. Upon completion, students should be able to correlate, integrate, and apply theoretical knowledge of the course topics to the clinical operative environment.

Prerequisites: Take all: SUR 110 and SUR 111

Corequisites: Take SUR 122AB

SUR 123BB. Sur Clinical Practice I. 3.5 Credits. Class-0.0. Clinical-10.5. Lab-0.0. Work-0.0

This course provides clinical experience with a variety of perioperative assignments to build upon skills learned in SUR 111. Emphasis is placed on the scrub and circulating roles of the surgical technologist including aseptic technique and basic case preparation for selected surgical procedures. Upon completion, students should be able to prepare, assist with, and dismantle basic surgical cases in both the scrub and circulating roles.

Prerequisites: Take all: SUR 110 and SUR 111

Corequisites: Take SUR 123AB

SUR 123AB. Sur Clinical Practice I. 3.5 Credits. Class-0.0. Clinical-10.5. Lab-0.0. Work-0.0

This course provides clinical experience with a variety of perioperative assignments to build upon skills learned in SUR 111. Emphasis is placed on the scrub and circulating roles of the surgical technologist including aseptic technique and basic case preparation for selected surgical procedures. Upon completion, students should be able to prepare, assist with, and dismantle basic surgical cases in both the scrub and circulating roles.

Prerequisites: Take all: SUR 110 and SUR 111

Corequisites: Take SUR 122

SUR 123. Sur Clinical Practice I. 7.0 Credits. Class-0.0. Clinical-21.0. Lab-0.0. Work-0.0

This course provides clinical experience with a variety of perioperative assignments to build upon skills learned in SUR 111. Emphasis is placed on the scrub and circulating roles of the surgical technologist including aseptic technique and basic case preparation for selected surgical procedures. Upon completion, students should be able to prepare, assist with, and dismantle basic surgical cases in both the scrub and circulating roles.

Prerequisites: Take all: SUR 110 and SUR 111

Corequisites: Take SUR 122

SUR 134. Surgical Procedures II. 5.0 Credits. Class-5.0. Clinical-0.0. Lab-0.0. Work-0.0

This course provides a comprehensive study of intermediate and advanced surgical specialties that students are exposed to in the second clinical rotation. Emphasis is placed on related surgical anatomy, pathology, and procedures that enhance theoretical knowledge of patient care, instrumentation, supplies, and equipment. Upon completion, students should be able to correlate, integrate, and apply theoretical knowledge of the course topics to the clinical operative environment.

Prerequisites: Take SUR 123

SUR 135. SUR Clinical Practice II. 4.0 Credits. Class-0.0. Clinical-12.0. Lab-0.0. Work-0.0

This course provides clinical experience with a variety of perioperative assignments to build skills required for complex perioperative patient care. Emphasis is placed on greater technical skills, critical thinking, speed, efficiency, and autonomy in the operative setting. Upon completion, students should be able to function in the role of an entry-level surgical technologist.

Prerequisites: Take SUR 123

Corequisites: Take SUR 134

SUR 137. Professional Success Preparation. 1.0 Credit. Class-1.0. Clinical-0.0. Lab-0.0. Work-0.0

This course provides employability skills and an overview of theoretical knowledge in preparation for certification. Topics include test-taking strategies, resume preparation, interviewing strategies, communication skills, and teamwork concepts. Upon completion, students should be able to prepare a resume, demonstrate appropriate interview techniques, and identify strengths and weaknesses in preparation for certification.

SUR 210. Advanced Sur Clinical Practice. 2.0 Credits. Class-0.0. Clinical-6.0. Lab-0.0. Work-0.0

This course is designed to provide individualized experience in advanced practice, education, circulating, and managerial skills. Emphasis is placed on developing and demonstrating proficiency in skills necessary for advanced practice. Upon completion, students should be able to assume leadership roles in a chosen specialty area.

Prerequisites: Take SUR 135, minimum grade of C

SUR 211. Advanced Theoretical Concepts. 2.0 Credits. Class-2.0. Clinical-0.0. Lab-0.0. Work-0.0

This course covers theoretical knowledge required for extension of the surgical technologist role. Emphasis is placed on advanced practice in complex surgical specialties, educational methodologies, and managerial skills. Upon completion, students should be able to assume leadership roles in a chosen specialty area.

Prerequisites: Take SUR 134, minimum grade of C

SUR 212. Surgical Clinical Supplement. 4.0 Credits. Class-0.0. Clinical-12.0. Lab-0.0. Work-0.0

This course provides the opportunity to continue mastering the continuity of care in the peri-operative assignment. Emphasis is placed on maintaining and enhancing acquired clinical skills in the peri-operative setting. Upon completion, students should be able to demonstrate mastery of surgical techniques in the role of the entry level surgical technologist.