



2016-2017 PETITION/PROGRAM SHEET
Degree: Associate of Applied Science
Major: Surgical Technology

About This Degree . . .

The Associates of Applied Science Surgical Technology Program is designed to cover both the academic and clinical skills necessary to perform as a surgical technologist. The program begins fall semester of each year. Certain prerequisite courses must be completed prior to admission to the professional portion, the 2nd year, of this program. Students will complete this Associate Degree program in sequence with prerequisites and Essential Learning courses the first year. The application process will occur in the second semester or their first year. Once accepted to the program, the second year will prepare students to work as operating room technologists and assist in surgical operations.

Surgical technologists work as members of a healthcare team alongside surgeons, registered nurses, and other health care workers. They prepare operating rooms, arrange equipment, and help doctors during surgeries. Students will be prepared to work in many areas of the surgery setting including preparing patients for surgery by washing and disinfecting incision sites, positioning patients on the operating table, covering patients with sterile drapes, and taking patients to and from the operating room. Surgical technologists prepare sterile solutions and medications used in surgery and check that all surgical equipment is working properly. They help the surgical team put on sterile gowns and gloves. During an operation, surgical technologists pass instruments and supplies to surgeons and first assistants. They also hold retractors and may hold internal organs in place during the procedure. Technologists also may handle specimens taken for laboratory analysis. Surgical technologists who take and pass the certifying examination offered by the NBSTSA (National Board for Surgical Technology and Surgical Assisting) are certified and authorized to use the initials CST to designate their status as a Certified Surgical Technologist. Certification can be a means of upward mobility, a condition of employment, a route to higher salary, or a source of national recognition.

For more information on what you can do with this major, go to <http://www.coloradomesa.edu/career/whatmajor.html>

All CMU associate graduates are expected to demonstrate proficiency in critical thinking, communication fluency, quantitative fluency, and specialized knowledge/applied learning. In addition to these campus-wide student-learning outcomes, graduates of this major will be able to:

1. Apply knowledge and skills from the biological sciences to safely perform during the pre- operative, intra-operative, and post-operative phases of patient care. (Specialized Knowledge/Applied Learning)
2. Demonstrate an understanding of the ethical, legal, moral, and medical values related to the patient and the surgical team. (Specialized Knowledge/Applied Learning)
3. Integrate knowledge gained in core surgical technology courses to prepare for the role of a surgical technologist, working with surgical interventions. Specialized Knowledge/Applied Learning)
4. Correlate the elements, action, and use of medications and anesthetic agents used during the peri-operative experience. (Intellectual Skills Quantitative fluency)
5. Utilize appropriate medical terminology to communicate clearly, professionally, and effectively with patients, physicians, and co-workers and provide for accurate documentation. (Communication Fluency)
6. Employ appropriate ethical, professional, and respectful values while providing care to diverse populations within the healthcare system. (Communication Fluency)
7. Utilize learned competencies to assemble and operate instruments, equipment, and supplies for the delivery of patient care as an entry-level practitioner during basic surgical procedures. (Intellectual Skills: Critical Thinking)
8. Demonstrate the ability to prioritize and organize the surgical field, while considering the physiology and urgency of patient care needs. (Intellectual Skills: Critical Thinking).

NAME: _____ **STUDENT ID #:** _____

LOCAL ADDRESS AND PHONE NUMBER: _____ () _____

I, (Signature) _____, hereby certify that I have completed (or will complete) all the courses listed on the Program Sheet. I have read and understand the policies listed on the last page of this program sheet. I further certify that the grade listed for those courses is the final course grade received except for the courses in which I am currently enrolled and the courses which I complete next semester. I have indicated the semester in which I will complete these courses.

Signature of Advisor _____ 20
Date

Signature of Department Head _____ 20
Date

Signature of Registrar _____ 20
Date

DEGREE REQUIREMENTS:

- 68 semester hours total (A minimum of 15 of the final 30 semester hours of credit at CMU).
- 2.00 cumulative GPA or higher in all CMU coursework and in coursework toward major content.
- Pre-collegiate courses (usually numbered below 100) cannot be used for graduation.
- A student must follow the CMU graduation requirements either from 1) the program sheet for the major in effect at the time the student officially declares a major; or 2) a program sheet for the major approved for a year subsequent to the year during which the student officially declares the major and is approved for the student by the department head. Because a program may have requirements specific to the degree, the student should check with the faculty advisor for additional criteria. It is the student’s responsibility to be aware of, and follow, all requirements for the degree being pursued. Any exceptions or substitutions must be approved by the student’s faculty advisor and Department Head.
- When filling out the program sheet a course can be used only once.
- See the “Requirements for Undergraduate Degrees and Certificates” in the catalog for additional graduation information.

ESSENTIAL LEARNING REQUIREMENTS

(Minimum 15 semester hours) See the current catalog for a list of courses that fulfill the requirements below. If a course is on the Essential Learning list of options and a requirement for your major, you must use it to fulfill the major requirement and make a different selection within the Essential Learning requirement. The Essential Learning capstone course and co-requisite Essential Speech course (required for bachelor’s degrees) cannot be used as options for the below requirements.

Course No	Title	Sem.hrs	Grade	Term/Trns
Communication (6 semester hours)				
ENGL 111	English Composition	3	_____	_____
*ENGL 112	English Composition	3	_____	_____

Math (3 semester hours)

*MATH 113	College Algebra or higher+	3	_____	_____
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*Required by this program

+MATH 113 is a 4 credit course. 3 credits count towards the Essential Learning requirement and 1 credit counts as Elective credit.

Course No	Title	Sem.hrs	Grade	Term/Trns
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Social Sciences, Natural Science, Fine Arts, or Humanities

(6 semester hours)

*PSYC 150	General Psychology	3	_____	_____
_____	_____	3	_____	_____

WELLNESS REQUIREMENT (2 semester hours)

KINE 100	Health and Wellness	1	_____	_____
KINA 1	_____	1	_____	_____

FOUNDATION PREREQUISITE COURSES (12 semester hours)

*BIOL 209	Human Anat & Physiology	3	_____	_____
*BIOL 209L	Human Anat & Physiology Lab	1	_____	_____
*BIOL 210	Human Anat & Physiology	3	_____	_____
*BIOL 210L	Human Anat & Physiology Lab	1	_____	_____
*BIOL 241	Pathophysiology	4	_____	_____

ASSOCIATE OF APPLIED SCIENCE:

SURGICAL TECHNOLOGY COURSE REQUIREMENTS

(39 semester hours) These courses must be completed in sequence and may only be taken after acceptance into the Program.

Core Courses (38 semester hours)

SUTE 200	Medical Term in Surg Tech	3	_____	_____
SUTE 202	Fundamentals in Surg Tech	4	_____	_____
SUTE 204	Basic Surg Tech Skills Lab	4	_____	_____
SUTE 206	Pharmacology for Surg Tech	2	_____	_____
SUTE 210	Safety in Surgical Technology	3	_____	_____
SUTE 212	Surgical Procedures I	3	_____	_____
SUTE 214	Surgical Procedures II	3	_____	_____
SUTE 218	Specialty Surgical Procedures	4	_____	_____
SUTE 220	Surgical Practicum I	4	_____	_____
SUTE 230	Surgical Practicum II	4	_____	_____
SUTE 240	Surgical Practicum III	4	_____	_____

Elective Credit (1 semester hour)

MATH 113	College Algebra+	1	_____	_____
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SUGGESTED COURSE SEQUENCING FOR A MAJOR IN SURGICAL TECHNOLOGY

This is a recommended sequence of course work. Certain courses may only be offered during the Fall or Spring semesters. It is the student's responsibility to meet with the assigned advisor and check the two year course matrix on the Colorado Mesa website for course availability.

FIRST YEAR

Fall Semester	Hours	Spring Semester	Hours
ENGL 111 English Composition	3	ENGL 112 English Composition	3
MATH 113 College Algebra	4	BIOL 210 Human Anat & Physiology	3
BIOL 209 Human Anat & Physiology	3	BIOL 210L Human Anat & Physiology Lab	1
BIOL 209L Human Anat & Physiology Lab	1	BIOL 241 Pathophysiology	4
KINE 100 Health and Wellness	1	PSYC 150 General Psychology	3
Essential Learning (Natural Sci, Fine Arts, or Humanities)	<u>3</u>	KINA ____ Activity	<u>1</u>
	15		15

SECOND YEAR

Fall Semester	Hours	Spring Semester	Hours
SUTE 200 Medical Terminology in Surgical Technology	3	SUTE 210 Safety in Surgical Technology	3
SUTE 202 Fundamentals in Surgical Technology	4	SUTE 212 Surgical Procedures I	3
SUTE 204 Basis Surgical Technology Skills Lab	4	SUTE 214 Surgical Procedures II	3
SUTE 206 Pharmacology for Surgical Technology	<u>2</u>	SUTE 218 Specialty Surgical Procedures	<u>4</u>
	13		13

Summer Semester (summer following 2 nd Year)	Hours
SUTE 220 Surgical Practicum I	4
SUTE 230 Surgical Practicum II	4
SUTE 240 Surgical Practicum III	<u>4</u>
	12

POLICIES:

1. Please see the catalog for a complete list of graduation requirements.
2. This program sheet must be submitted with your graduation-planning sheet to your advisor during the **semester prior to the semester of graduation, no later than October 1 for spring graduates, no later than March 1 for fall graduates.** You must turn in your "Intent to Graduate" form to the Registrar's Office **by September 15 if you plan to graduate the following May, and by February 15 if you plan to graduate the following December.**
3. Your advisor will sign and forward the Program Sheet and Graduation Planning Sheet to the Department Head for signature. Finally, the Department Head will submit the signed forms to the Registrar's Office. (Students cannot handle the forms once the advisor signs.)
4. If your petition for graduation is denied, it will be your responsibility to reapply for graduation in a subsequent semester. Your "Intent to Graduate" does not automatically move to a later graduation date.
5. NOTE: The semester before graduation, you may be required to take a Major Field Achievement Test (exit exam).