

ANESTHESIA TECHNOLOGY

Associate of Applied Science degree



Program and Career Description:

Anesthesia technologists support the licensed anesthesia provider with the acquisition, preparation and application of various types of equipment required for the delivery of anesthesia. Other job responsibilities of the anesthesia technologist include maintaining the anesthesia machine, assisting with vascular access and regional anesthesia procedures, troubleshooting equipment, assisting with difficult airways, performing point of care lab tests and operating rapid infusers. More advanced duties might include the operation of autotransfusion equipment or intraaortic balloon pumps.

How long is the program?

Columbia State's program is designed with a focus on general education/foundation courses Fall/Spring of the first academic year. A new cohort of students will start the intense sequence of core courses each summer for three semesters (12 months.)

How is the job market?

Columbia State developed the Anesthesia Technology program for implementation in response to requests from area healthcare providers which experience difficulty hiring qualified technologists and filling vacant positions. The demand for formally trained Anesthesia Technologists is projected to grow in conjunction with availability of credentialed applicants in the region. According to the Bureau of Labor Statistics in 2018, employment of surgical technologists is projected to grow 9 percent from 2018 to 2028, faster than the average for all occupations.

Check out www.jobs4tn.gov website for information about job descriptions, education requirements and abilities, and supply and demand for these careers. For additional information from a national perspective, go to Bureau of Labor Statistics, U. S. Department of Labor on the internet at www.bls.gov. Visit the [Occupational Outlook Handbook](#) on this website. Salaries are not guaranteed.

Transfer Options

The Anesthesia Technology associate of applied science degree is designed for career-entry. However, some universities may accept some or all of the course work for transfer. Transfer credit is awarded at the discretion of the receiving institution. Students are advised to inquire directly with advisors at the university level regarding expectations for transfer.

Requirements for Graduation include:

- earning 25% of total program credits in residence at Columbia State.
- earn a GPA of at least 2.0 or higher.
- earn a cumulative GPA of 2.0 or higher.
- taking the Exit Exam.

For more information contact:

Sue Christian at
schristian@columbiastate.edu or 615.465.5720
or
Health Sciences Division office at
931.540.2599 or 931.540.2600

Columbia State Community College, a Tennessee Board of Regents institution, is an equal opportunity, affirmative action educational institution.
CoSCC-AT-AAS-02-01-20



Student ID: _____
 Student Name: _____
 Adviser Name: _____

Catalog: 2020-2021 Catalog and Student Handbook
 Program: Anesthesia Technology, A.A.S.
 Minimum Credits Required: _____

Anesthesia Technology, A.A.S.

This degree is designed for a student who wishes to move directly into the job market after graduation and is not transferable.

Sample Academic Plan - Total Credit Hours: 69

Students must be accepted into the Anesthesia Technology program before they can register for ANES courses. Program Requirements - Students may be required to take additional Learning Support courses. Courses cannot be used more than once to satisfy program requirements.

Fall Semester - Credit Hours: 17

Course Name	Credits:	Term Taken	Grade	Gen Ed
ENGL 1010 - English Composition I OR ENGL 1020 English Composition II	Credits: 3			
BIOL 2010 - Human Anatomy and Physiology I *	Credits: 4			
MATH 1130 - College Algebra * OR MATH 1530 Introductory Statistics*	Credits: 3			
ADMN 1306 - Medical Terminology I	Credits: 3			
² General Education - Humanities/Fine Arts Requirement	Credits: 3			
COLS 101 - Columbia State College Success	Credits: 1			

Spring Semester - Credit Hours: 15

Course Name	Credits:	Term Taken	Grade	Gen Ed
ANES 1001 - Introduction to Anesthesia Technology	Credits: 1			
BIOL 2020 - Human Anatomy and Physiology II *	Credits: 4			
PSYC 1030 - Introduction to Psychology	Credits: 3			
CHEM 1110 - General Chemistry I * OR CHEM 1010 Introductory Chemistry I with Lab*	Credits: 4			
COMM 2025 - Fundamentals of Communication OR COMM 2055 Argumentation and Debate	Credits: 3			

Summer Semester - Credit Hours: 9

Course Name	Credits:	Term Taken	Grade	Gen Ed
ANES 1401 - Basic Principles of Anesthesia Technology	Credits: 4			
ANES 1402 - Basic Principles of Anesthesia Equipment	Credits: 4			
ANES 1110 - Anesthesia Technology Clinical I	Credits: 1			

Fall Semester - Credit Hours: 16

Course Name	Credits:	Term Taken	Grade	Gen Ed
ANES 2401 - Advanced Principles of Anesthesia Technology	Credits: 4			
ANES 2402 - Advanced Anesthesia Equipment	Credits: 4			
ANES 2420 - Anesthesia Technology Clinical II	Credits: 4			
ANES 2405 - Anesthesia Pharmacology	Credits: 4			

Spring Semester - Credit Hours: 12

Course Name	Credits:	Term Taken	Grade	Gen Ed
ANES 2250 - Professional Issues for the Anesthesia Technician	Credits: 2			
ANES 2430 - Anesthesia Technology Clinical III	Credits: 4			
ANES 2440 - Anesthesia Technology Clinical IV	Credits: 4			
ANES 2290 - Anesthesia Technology Capstone	Credits: 2			

Note(s):

*Biology, Chemistry and Math courses must have been completed no more than five years prior to start of the program.

²**Humanities/Fine Arts Requirement** - Select from ART 1035, ART 2000, ART 2020, ENGL 2160, ENGL 2860, HUM 1010, HUM 1020, MUS 1030, PHIL 1030, PHIL 1040, PHIL 2200, THEA 1030. **Literature Options:** ENGL 2055, ENGL 2130, ENGL 2235, ENGL 2310, ENGL 2320.

Requirements for Graduation Include:

1. Earn 25% of total program credits in residence at Columbia State.
2. Earn a GPA of at least 2.0 in program courses.
3. Earn a cumulative GPA of 2.0 or higher.
4. Take the Exit Exam required by Columbia State.

Students and advisors should run a degree audit from myChargerNet each semester to confirm classes are applicable to the program of study.

For more information contact:

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