

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.)

What does the program provide?

A competency based classroom & clinical experience which provides students with the skills and preparation for credentialing exam success, gainful in-field employment, and career satisfaction.

How is the job market?

Columbia State developed the Anesthesia Technology program for 2018 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 2016, employment of surgical technologists is projected to id projected to grow 12 percent from 2016 to 2026, faster than the average for all occupations.

Career	Entry-Level Pay	Median Pay	Experienced Pay
Anesthesia Technicians (US)	\$31,680	\$36,000	\$42,480
Surgical Technologists (TN)	\$32,550	\$39,200	\$44,740
Surgical Technologists (US)	\$31,720	\$45,160	\$64,800

Career and salary information taken from *PayScale.com*, *JOBS4TN.GOV*, and Bureau of Labor Statistics, U. S. Department of Labor on the internet at www.bls.gov. Check out the [Occupational Outlook Handbook](#) on this website for additional information about similar occupations, education requirements and abilities, and job outlook for these careers. 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.



ANESTHESIA TECHNOLOGY

Major in Anesthesia Technology (A.A.S.)

Program Requirements

Students may be required to take additional Learning Support courses.

Communications Requirement
COMM 2025 or COMM 2055
ENGL 1010 or ENGL 1020

Humanities/Fine Arts (Take 1 course)
ART 1035, 2000, 2020
ENGL 2055, 2130, 2160, 2235, 2310, 2320, 2860
HUM 1010, 1020
MUS 1030
PHIL 1030, 1040, 2200
THEA 1030

Natural Science Requirement*
BIOL 2010, BIOL 2020

Mathematics Requirement (Take 1 course)*
MATH 1130, MATH 1530

Social/Behavioral Sciences
PSYC 1030

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

Major Required Courses
ADMN 1306
ANES 1001, 1110, 1401, 1402, 2401, 2402, 2405, 2250, 2290, 2420, 2430, 2440
CHEM 1010* or CHEM 1110
COLS 101

*TN eCampus Course

Requirements for Graduation include:

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

If you have completed TN eCampus courses, run a degree audit from the student tab in myChargerNet to determine how these courses apply to this program.

2018-2019 Catalog Draft

Sample Academic Plan

Fall Semester

___ ENGL 1010	English Composition I or	
___ ENGL 1020	English Composition II	3
___ BIOL 2010	Human Anatomy & Physiology I	4
___ MATH 1130	College Algebra or	
___ MATH 1530	Introductory Statistics	3
___ ADMN 1306	Medical Terminology	3
___ Humanities/Fine Arts Requirement		3
___ COLS 101	Columbia State College Success	1
		17

Spring Semester

___ ANES 1001	Introduction to Anesthesia Technology	1
___ BIOL 2020	Human Anatomy & Physiology II	4
___ CHEM 1010*	Intro to Chemistry or	
___ CHEM 1110	General Chemistry I	4
___ PSYC 1030	Introduction to Psychology	3
___ COMM 2025	Fundamentals of Communication or	
___ COMM 2055	Argumentation and Debate	3
		15

Summer Semester

___ ANES 1401	Basic Principles of Anesthesia Tech	4
___ ANES 1402	Basic Principles of Anesthesia Equipment	4
___ ANES 1110	Anesthesia Technology Clinical	1
		9

Fall Semester

___ ANES 2401	Adv. Principles of Anesthesia Technology	4
___ ANES 2402	Advanced Anesthesia Equipment	4
___ ANES 2420	Anesthesia Technology Clinical II	4
___ ANES 2405	Anesthesia Pharmacology	4
		16

Spring Semester

___ ANES 2250	Professional Issues for the Anes. Tech.	2
___ ANES 2430	Anesthesia Technology Clinical III	4
___ ANES 2440	Anesthesia Technology Clinical IV	4
___ ANES 2290	Anesthesia Technology Capstone	2
		12

TOTAL CREDIT HOURS 69

**For more information contact:
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