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 grow 12 percent from 2016 to 2026, faster than the average for all occupations.

<table>
<thead>
<tr>
<th>Career</th>
<th>Entry-Level Pay</th>
<th>Median Pay</th>
<th>Experienced Pay</th>
</tr>
</thead>
<tbody>
<tr>
<td>Anesthesia Technicians (US)</td>
<td>$31,680</td>
<td>$36,000</td>
<td>$42,480</td>
</tr>
<tr>
<td>Surgical Technologists (TN)</td>
<td>$32,550</td>
<td>$39,200</td>
<td>$44,740</td>
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<tr>
<td>Surgical Technologists (US)</td>
<td>$31,720</td>
<td>$45,160</td>
<td>$64,800</td>
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</tbody>
</table>

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

*Biological 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.

Sample Academic Plan

Fall Semester

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>ENGL 1010</td>
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<tr>
<td>or ENGL 1020</td>
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</tr>
<tr>
<td>BIOL 2010</td>
<td>4</td>
</tr>
<tr>
<td>MATH 1130</td>
<td>3</td>
</tr>
<tr>
<td>or MATH 1530</td>
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</tr>
<tr>
<td>ADMN 1306</td>
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<tr>
<td>Humanities/Fine Arts</td>
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<tr>
<td>COLS 101</td>
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Spring Semester

<table>
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<th>Course</th>
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<tbody>
<tr>
<td>ANES 1001</td>
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<tr>
<td>BIOL 2020</td>
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<tr>
<td>CHEM 1010*</td>
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<tr>
<td>or CHEM 1110</td>
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</tr>
<tr>
<td>PSYC 1030</td>
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<tr>
<td>COMM 2025</td>
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<td>COMM 2055</td>
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Summer Semester

<table>
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<tr>
<th>Course</th>
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<tbody>
<tr>
<td>ANES 1401</td>
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<td>ANES 1402</td>
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<tr>
<td>ANES 1110</td>
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Fall Semester

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>ANES 2401</td>
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<tr>
<td>ANES 2402</td>
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<tr>
<td>ANES 2420</td>
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<tr>
<td>ANES 2405</td>
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Spring Semester

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
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<tbody>
<tr>
<td>ANES 2250</td>
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<td>ANES 2430</td>
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<tr>
<td>ANES 2440</td>
<td>4</td>
</tr>
<tr>
<td>ANES 2290</td>
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</tbody>
</table>

TOTAL CREDIT HOURS 69

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

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