

CURRICULUM STANDARD

<i>Effective Term</i> Fall 2018 [2018*03]

Curriculum Program Title	Anesthesia Technology	Program Code	A45330
Concentration	(not applicable)	CIP Code	51.0809

Curriculum Description

The Anesthesia Technology program prepares students to work as a vital member of the Anesthesia Care Team. The anesthesia technologist provides safe care at the direction of the anesthesia provider in the care of patients undergoing anesthesia.

Students will become proficient in fundamentals and advanced skills in the acquisition, preparation, and application of various types of equipment required for the delivery of anesthesia care.

Graduates are eligible to complete the Certified Anesthesia Technologists credentialing process through the American Society of Anesthesia Technologists and Technicians (ASATT). Employment opportunities are available in hospitals, surgical centers, imaging, emergency departments, dental suites, and ambulatory care centers.

Curriculum Requirements*

[for associate degree, diploma, and certificate programs in accordance with 1D SBCCC 400.10]

- I. **General Education.** Degree programs must contain a minimum of 15 semester hours including at least one course from each of the following areas: humanities/fine arts, social/behavioral sciences, and natural sciences/mathematics. Degree programs must contain a minimum of 6 semester hours of communications. Diploma programs must contain a minimum of 6 semester hours of general education; 3 semester hours must be in communications. General education is optional in certificate programs.

- II. **Major Hours.** AAS, diploma, and certificate programs must include courses which offer specific job knowledge and skills. Work-based learning may be included in associate in applied science degrees up to a maximum of 8 semester hours of credit; in diploma programs up to a maximum of 4 semester hours of credit; and in certificate programs up to a maximum of 2 semester hours of credit. *(See second page for additional information.)*

- III. **Other Required Hours.** A college may include courses to meet graduation or local employer requirements in a certificate, diploma, or associate in applied science program. These curriculum courses shall be selected from the Combined Course Library and must be approved by the System Office prior to implementation. Restricted, unique, or free elective courses may not be included as other required hours.

	AAS	Diploma	Certificate
Minimum General Education Hours	15	6	0
Minimum Major Hours	49	30	12
Other Required Hours	0-7	0-4	0-1
Total Semester Hours Credit in Program	64-76	36-48	12-18

**Within the degree program, the institution shall include opportunities for the achievement of competence in reading, writing, oral communication, fundamental mathematical skills, and basic use of computers.*

Major Hours

- A. Core.** The subject/course core is comprised of subject areas and/or specific courses which are required for each curriculum program. A diploma program offered under an approved AAS program standard or a certificate which is the highest credential level awarded under an approved AAS program standard must include a minimum of 12 semester hours credit derived from the subject/course core of the AAS program.
- B. Concentration (if applicable).** A concentration of study must include a minimum of 12 semester hours of credit from required subjects and/or courses. The majority of the course credit hours are unique to the concentration. The required subjects and/or courses that make up the concentration of study are in addition to the required subject/course core.
- C. Other Major Hours.** Other major hours must be selected from prefixes listed on the curriculum standard. A maximum of 9 semester hours of credit may be selected from any prefix listed, with the exception of prefixes listed in the core or concentration. Work-based learning may be included in associate in applied science degrees up to a maximum of 8 semester hours of credit; in diploma programs up to a maximum of 4 semester hours of credit; and in certificate programs up to a maximum of 2 semester hours of credit.

Anesthesia Technology (A45330)

	AAS	Diploma	Certificate																																												
Minimum Major Hours Required	49 SHC	30 SHC	12 SHC																																												
A. CORE <i>(Courses required for the diploma are designated with *)</i> Required Courses: <table style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 10%;">ATC</td><td style="width: 10%;">110</td><td style="width: 70%;">Intro to Anesthesia Technology</td><td style="width: 10%;">3 SHC</td></tr> <tr><td>ATC</td><td>112</td><td>Anesthesia Pharmacology</td><td>3 SHC</td></tr> <tr><td>ATC</td><td>115</td><td>The Anesthesia Machine</td><td>4 SHC</td></tr> <tr><td>ATC</td><td>125</td><td>Special Practice Lab</td><td>1 SHC</td></tr> <tr><td>ATC</td><td>210</td><td>Anesthesia Monitoring Equip</td><td>5 SHC</td></tr> <tr><td>ATC</td><td>215</td><td>Anesthesia Airway Equipment</td><td>5 SHC</td></tr> <tr><td>ATC</td><td>280</td><td>ATC Professional Practice</td><td>3 SHC</td></tr> </table> Clinical Education <table style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 10%;">ATC</td><td style="width: 10%;">150</td><td style="width: 70%;">ATC Clinical Practice I</td><td style="width: 10%;">3 SHC</td></tr> <tr><td>ATC</td><td>155</td><td>ATC Clinical Practice II</td><td>4 SHC</td></tr> <tr><td>ATC</td><td>240</td><td>ATC Clinical Practice III</td><td>4 SHC</td></tr> <tr><td>ATC</td><td>245</td><td>ATC Clinical Practice IV</td><td>4 SHC</td></tr> </table>	ATC	110	Intro to Anesthesia Technology	3 SHC	ATC	112	Anesthesia Pharmacology	3 SHC	ATC	115	The Anesthesia Machine	4 SHC	ATC	125	Special Practice Lab	1 SHC	ATC	210	Anesthesia Monitoring Equip	5 SHC	ATC	215	Anesthesia Airway Equipment	5 SHC	ATC	280	ATC Professional Practice	3 SHC	ATC	150	ATC Clinical Practice I	3 SHC	ATC	155	ATC Clinical Practice II	4 SHC	ATC	240	ATC Clinical Practice III	4 SHC	ATC	245	ATC Clinical Practice IV	4 SHC	39 SHC		
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B. CONCENTRATION <i>(if applicable)</i>																																															
C. OTHER MAJOR HOURS <i>To be selected from the following prefixes:</i> ATC, BIO, CHM, CIS, HIT, MED, and PHM <i>Up to two semester hour credits may be selected from ACA.</i> <i>Up to three semester hour credits may be selected from the following prefixes: ARA, ASL, CHI, FRE, GER, ITA, JPN, LAT, POR, RUS and, SPA.</i>																																															