

CURRICULUM STANDARD

Effective Term
Fall 2021
*[2021*03]*

| | | | |
|--------------------------|------------------------------|----------|----------------|
| Curriculum Program Title | Anesthesia Technology | 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 a degree or diploma program up to a maximum of 8 semester hours and in a certificate program up to a maximum of 2 semester hours. *(see back of page for Major Hours requirements)*

- III. **Other Required Hours.** A college may require other subjects or courses to complete graduation requirements. These requirements may include electives, orientation, study skills courses, or other graduation requirements.

| | 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 (SHC) | 64-76 | 36-48 | 12-18 |

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 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 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 degree and diploma curriculum programs up to a maximum of 8 semester hours credit and in certificate programs up to a maximum of 2 semester hours credit.

Anesthesia Technology (A45330)

| | AAS | Diploma | Certificate |
|--|---------------|----------------|--------------------|
| <p>A. CORE</p> <p>Required Courses:</p> <p>ATC 110 Introduction to Anesthesia Technology 3 SHC ATC 112 Anesthesia Pharmacology 3 SHC ATC 115 The Anesthesia Machine 4 SHC ATC 210 Anesthesia Monitoring Equipment 5 SHC ATC 215 Anesthesia Airway Equipment 5 SHC ATC 280 ATC Professional Practice 3 SHC</p> <p>Clinical Education (Select a minimum of 15 SHC for AAS)</p> <p>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 ATC 250 ATC Clinical Applications I 8 SHC</p> <p>Required Subject Areas: N/A</p> | 38 SHC | 30 SHC | 12 SHC |
| <p>B. CONCENTRATION <i>(Not applicable)</i></p> | | | |
| <p>C. OTHER MAJOR HOURS</p> <p><i>To be selected from the following prefixes:</i> ATC, BIO, CHM, CIS, HIT, MED, and PHM</p> <p>Up to two semester hour credits may be selected from ACA.</p> <p>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.</p> | | | |