

SURGICAL TECHNOLOGY (SURGT)

SURGT 1000

Ethical Considerations in the Health Care Industry

3 Credit Hours

Students will be introduced to ethical behavior and professional practice expected in healthcare. Topics will include communication, teamwork, conflict resolution, all-hazard preparation, needs of the patient, death, and dying. (3 lecture hours)

SURGT 1001

Surgical Asepsis and Sterile Technique

4 Credit Hours

Students will be introduced to the operating room facility and preoperative preparation. Students will demonstrate proper sterile and aseptic technique while completing hands-on surgical skills. Operating room surgical equipment, instrumentation, and supplies will also be addressed. (3 lecture hours, 3 lab hours)

SURGT 1101

Surgical Technology Concepts I

12 Credit Hours

Students will be introduced to perioperative fundamentals such as surgical sciences, patient care concepts, surgical technology responsibilities, and application of practice. The concepts of surgical terminology, pharmacology, and anesthesia will also be included. (9 lecture hours, 6 lab hours, 12 clinical hours)

Prerequisite: Admission to the Surgical Technology program is required. CSPD 1111, SURGT 1000, and ORPCT 1001, all with a grade of C or better, or equivalent.

SURGT 1102

Surgical Technology Concepts II

8 Credit Hours

Continuation of Surgical Technology Concepts I with emphasis on acquiring proficiency in the clinical setting. The student will continue to gain expanded knowledge of areas of the perioperative environment. (7 lecture hours, 12 clinical hours)

Prerequisite: Admission to the Surgical Technology program and SURGT 1101 with a grade of C or better, or equivalent.

SURGT 1103

Surgical Technology Concepts III

12 Credit Hours

Concepts of Surgical Technology Concepts II will be continued with emphasis on acquiring proficiencies in the clinical setting. Students will be introduced to advanced theory in surgical technology and surgical practices. (11 lecture hours, 12 clinical hours)

Prerequisite: SURGT 1102 with grade of C or better, or equivalent.

SURGT 1201

Surgical Technology Concepts

3 Credit Hours

Students will be introduced to the legal issues and risk management tools necessary for the operating room. Intraoperative and postoperative care will be offered to the surgical patient. (3 lecture hours)

Prerequisite: SURGT 1101 and SURGT 1102, both with a grade of C or better, or equivalent.

SURGT 1202

Surgical Technology Practicum I

3 Credit Hours

The concepts of surgical technology will be applied towards a practical experience in the operating room. Students receive hands-on experience, under the guidance of a preceptor, to implement didactic knowledge during a surgical patient procedure. Students will observe and demonstrate hands-on surgical skills. (2 lecture hours, 6 clinical hours)

Prerequisite: SURGT 1101 and SURGT 1102, both with a grade of C or better, or equivalent.

SURGT 1301

Surgical Pathophysiology and Patient Procedures I

3 Credit Hours

Students will be introduced to the pathophysiology, surgical procedures, and instrumentation for the following surgical services: general, obstetrics and gynecology, ophthalmic, otorhinolaryngology, and oral maxillofacial. (3 lecture hours)

Prerequisite: SURGT 1201 and SURGT 1202, both with a grade of C or better, or equivalent.

SURGT 1302

Surgical Technology Practicum II

3 Credit Hours

The concepts of surgical technology will be applied towards a practical experience in the operating room. Students receive hands-on experience, under the guidance of a preceptor, to implement didactic knowledge during a surgical patient procedure. Students will observe and demonstrate hands-on surgical skills. (2 lecture hours, 6 clinical hours)

Prerequisite: SURGT 1201 and SURGT 1202, both with a grade of C or better, or equivalent.

SURGT 1401

Surgical Pathophysiology and Patient Procedures II

3 Credit Hours

Students will be introduced to the pathophysiology, surgical procedures, and instrumentation for the following surgical services: plastic and reconstructive, genitourinary, orthopedic, cardiothoracic, peripheral vascular, and neurology. (3 lecture hours)

Prerequisite: SURGT 1301 and SURGT 1302, both with a grade of C or better, or equivalent.

SURGT 1402

Surgical Technology Practicum III

3 Credit Hours

The concepts of surgical technology will be applied towards a practical experience in the operating room. Students receive hands-on experience, under the guidance of a preceptor, to implement didactic knowledge during a surgical patient procedure. Students will observe and demonstrate hands-on surgical skills. (2 lecture hours, 6 clinical hours)

Prerequisite: SURGT 1301 and SURGT 1302, both with a grade of C or better, or equivalent.

SURGT 1500

Professional Practice

4 Credit Hours

Students will be introduced to the employability and leadership skills needed to become successful professional members of the healthcare team. The Certified Surgical Technologist (CST) exam is an important piece of the program required for employment. Students will review necessary content to prepare them for the CST exam. (4 lecture hours)

Prerequisite: SURGT 1401 and SURGT 1402, both with a grade of C or better, or equivalent.

SURGT 1820

Selected Topics I

1-3 Credit Hours

Introductory exploration and analysis of selected surgical technology topics with a specific theme indicated by course title listed in college class schedule. This course may be taken four times for credit as long as different topics are selected. (1 to 3 lecture hours)

Prerequisite: Consent of instructor is required.

SURGT 1821

Selected Topics II

2 Credit Hours

Exploration and analysis of selected topics with a specific theme indicated by course title listed in college class schedule. (4 lab hours)

SURGT 1840

Independent Study

1-4 Credit Hours

Exploration and analysis of topics within the discipline to meet individual student-defined course description, goals, objectives, topical outline, and methods of evaluation in coordination with, and approved by the instructor. This course may be taken four times for credit as long as different topics are selected. (2 to 8 lab hours)

Prerequisite: Consent of instructor is required.

SURGT 2860

Internship (Career & Technical Ed)

1-4 Credit Hours

Course requires participation in Career and Technical Education work experience with onsite supervision. Internship learning objectives are developed by student and faculty member, with approval of employer, to provide appropriate work-based learning experiences. Credit is earned by working a minimum of 75 clock hours per semester credit hour, up to a maximum of four credits. (5 to 20 lab hours)

Prerequisite: Consent of instructor and 2.0 cumulative grade point average, 12 semester credits earned in a related field of study, students work with Career Services staff to obtain approval of the internship by the dean from the academic discipline where the student is planning to earn credit.

SURGT 2865

Internship Advanced (Career & Tech Ed)

1-4 Credit Hours

Continuation of Internship (Career and Technical Education). Course requires participation in Career & Technical Education work experience with onsite supervision. Internship learning objectives are developed by student and faculty member, with approval of employer, to provide appropriate work-based learning experiences. Credit is earned by working a minimum of 75 clock hours per semester credit hour, up to a maximum of four credits. (5 to 20 lab hours)

Prerequisite: Consent of instructor and 2.0 cumulative grade point average, 12 semester credits earned in a related field of study, students work with Career Services staff to obtain approval of the internship by the dean from the academic discipline where the student is planning to earn credit.