

**SEWARD COUNTY COMMUNITY COLLEGE
COURSE SYLLABUS**

I. TITLE OF COURSE: ST1124- Surgical Procedures I

II. COURSE DESCRIPTION: 4 credit hours
4 credit hours of lecture and 0 credit hours of lab per week.

This online course is designed to help students utilize knowledge related to anatomy and pathophysiology, endoscopic surgical procedures and open procedures in the following specialties: Obstetric and Gynecological (OB/GYN), genitourinary, orthopedic, otorhinolaryngologic, ophthalmic and general as defined by the AST Core Curriculum for Surgical Technology, 6th edition. The students will also learn basic concepts related to robotics as they apply to surgical technology. For each unit of credit, a minimum of three hours per week with one of the hours for class and two hours for studying/preparation outside of class is expected.

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Pre-requisite: Admission to Surgical Technology program.

III. PROGRAM AND/OR DEPARTMENT MISSION STATEMENT:

The SCCC surgical technology program will provide an education forum responsive to the needs of the student and also responsive to the health care community, both locally and nationally, focusing on professionalism and contributing to quality patient care.

IV. TEXTBOOK AND MATERIALS:

Required

1. AST (2018). Surgical technology for the Surgical Technologist: A Positive Care Approach, (5th ed.) Clifton Park, NY: Cengage learning with MindTap.

Optional

2. Rothrock, J. (2012). Alexander's Surgical Procedures. St. Louis, MO: Elsevier

3. Goldman, M. A. (2008). Pocket guide to the operating room. (3rd ed.) Philadelphia, PA; F.A. Davis

4. Trelease, R.B. (2017). Netter's surgical anatomy review P.R.N. (2nd ed.) Philadelphia, PA: Elsevier Saunders

5. Venes, D. (Ed.). (2017). Taber's cyclopedic medical dictionary. (23rd ed.). Philadelphia, PA: F.A. Davis

V. SCCC OUTCOMES

Students who successfully complete this course will demonstrate the ability to do the following SCCC Outcomes.

I: Read with comprehension, be critical of what they read, and apply knowledge gained to real life

II: Communicate ideas clearly and proficiently in writing, appropriately adjusting content and arrangement for varying audiences, purposes, and situations.

V: Demonstrate the ability to think critically by gathering facts, generating insights,

analyzing data, and evaluating information
VI: Exhibit skills in information and technological literacy

VI. COURSE OUTCOMES:

1. Demonstrate an understanding of general surgery as it applies to the surgical technologist's role including surgical incisions.
2. Demonstrate an understanding of gynecological and obstetrical surgery as it applies to the surgical technologist's role.
3. Demonstrate an understanding of ophthalmic, minimally invasive, and robotics surgery as it applies to the surgical technologist's role.
4. Demonstrate an understanding of ear, nose and throat surgery as it applies to the surgical technologist's role.
5. Demonstrate an understanding of plastic and reconstructive surgery as it applies to the surgical technologist's role.
6. Demonstrate an understanding of genitourinary surgery as it applies to the surgical technologist's role.
7. Demonstrate an understanding of orthopedic surgery as it applies to the surgical technologist's role.

VII. COURSE OUTLINE:

1. General surgery
2. Obstetric and gynecologic procedures
3. Ophthalmic surgery
4. Otorhinolaryngologic surgery
5. Plastic and reconstructive surgery
6. Genitourinary surgery
7. Orthopedic surgery

VIII. INSTRUCTIONAL METHODS:

1. The course will be delivered to students in a web-based learning platform in an online interactive format.
2. Students will be able to read and interact with course material online, ask questions of the instructor via electronic communication, and complete assignments and exams via the web-based learning platform.
3. Learning opportunities will be presented in a variety of ways: reading and writing assignments; online discussions; online learning activities/games; quizzes and exams.

IX. INSTRUCTIONAL AND RESOURCE MATERIALS:

1. Textbooks
2. Audiovisual media
3. Internet video subscriptions with ST specific content
4. Discussion threads, emails, and handouts

X. METHODS OF ASSESSMENT:

SCCC outcome #1 will be assessed through discussion threads, writing assignments, and exams.
SCCC outcome #2 will be assessed through discussion threads and writing assignments.
SCCC outcome #5 will be assessed through discussion threads, writing assignments, and exams.

SCCC outcome #6 will be assessed through discussion threads, writing assignments, and exams.

XI. ADA STATEMENT:

Under the Americans with Disabilities Act, Seward County Community College will make reasonable accommodations for students with documented disabilities. If you need support or assistance because of a disability, you may be eligible for academic accommodations. Students should identify themselves to the Dean of Students at 620-417-1106 or going to the Student Success Center in the Hobble Academic building, room 149 A.

Syllabus Reviewed: 9/2/2020