

COURSE OUTCOME MATRIX COURSE SYLLABUS PART 2 of 3

Course Number and Title	SG 230: Surgical Technology III
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Credit Hours	11
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Course Description	This course is a theory/practicum course, which prepares the students to function in all three roles of the surgical technician with little or no assistance. This capstone course also prepares the student to be eligible to take the surgical technology certification exam.
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Prerequisite(s) and/or Corequisite(s)	Pre- SG 220 with a grade of "C" or better
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Required Textbooks/References/Course Materials:

Surgical Notes	2015	Susan D. Sheets	F.A. Davis Company	0803625921
Differentiating Surgical Instruments: Surg Tech in Practice	3rd	Rutherford	F.A. Davis	0803668317
Surgical Technology for the Surgical Technologist: A Positive Care Approach - Package	5th	AST	Cengage Learning	1337584878
Surgical Equipment and Supplies	2nd	Rutherford	F.A. Davis & Co.	0803645716
Suture and Surgical Hemostasis Pocket Guide	1st	Pieknik	Saunders	1416022473

General Education Outcomes	
1	Utilize written and verbal language to discuss and comprehend information, incorporating a variety of technologies, such as text, data, and images (written language, verbal language, and information technology).
2	Identify and interpret relevant information in order to formulate an opinion or conclusion (critical thinking).
3	Demonstrate and communicate computational methods and mathematical reasoning in a variety of formats (using words, tables, graphs, mathematical equations, etc., as appropriate) (quantitative literacy and fluency).
4	Communicate in appropriate ways with those who are culturally diverse (intercultural competence).

Program Outcomes	
1	Students will communicate effectively and demonstrate behavior that corresponds to ethical and legal standard of the profession, uphold patient care standards, and adhere to the moral and honesty integrity of the scope of practice.
2	Students will demonstrate the principles of aseptic technique at all times and maintain a surgical conscience in a knowledgeable manner that provides optimal patient care.
3	Students will identify the use and actions of medications and label all medications used in the sterile field.
4	Students will identify and label surgical instruments, supplies and equipment used during a specific surgical procedure.
5	Students will implement the knowledge of medical terminology, anatomy and physiology and surgical procedural steps, to anticipate the needs of the surgical team.

	Course Outcomes (CO)	Bloom's Domain for CO (C, A, P), Category, and Level	Program Outcome(s)	Written Language	Verbal Language	Information Technology	Critical Thinking	Quantitative Literacy and Fluency	Intercultural Competence
1	Identify basic anatomy, disease process, and surgical intervention in all core and specialty areas.	C-Analyzing-4	5	0	0	2	2	0	0
2	Demonstrate systematically, the needs of the patient, the operative procedure, and the surgeon preference of special equipment and supplies related to the surgical procedure. (Ex. drugs, specialty trays, etc.).	C-Appling-3	4	0	0	1	2	1	1
3	Identify the intraoperative preparation of the patient undergoing the procedure.	C-Analyzing-4	2	0	0	2	2	0	0
4	Identify the immediate postoperative care and possible complications of the procedures.	A-Receiving-1	2	0	0	2	2	0	0
5	Independently performs with supported guidance of the surgical technologist for general and commonly performed specialty surgical procedures.	P-Perfect-3	1	0	0	1	2	1	1
6	The student will comprehend the theories and fundamental processes and procedures needed to implement surgical- intervention in plastic and reconstructive surgery, peripheral vascular, cardiothoracic, and neurosurgical specialties.	C-Understanding-2	5	0	0	2	2	0	0
7	Independently performs ALL surgical tech duties with little or no assistance.	P-Perfect-3	1	0	0	1	2	2	1

Bloom's Domain Legend
C = Cognitive
A = Affective
P = Psychomotor

General Education Outcome Legend
2 = Included and Measurable
1 = Introduced and/or Minimally Addressed and Not Measurable
0 = Not included

Approved: May 2021
Reviewed: October 29, 2021