

# COURSE OUTCOME MATRIX

## COURSE SYLLABUS

### PART 2 of 3

Course Number and Title	SG 120: Surgical Technology I
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Credit Hours	7
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Course Description	This course is theory/practicum course that will focus on the three roles of the surgical technologist. Emphasis is placed on asepsis, safety, and the importance of teamwork with demonstration of the skills of the three roles. Common surgical and diagnostic procedures are introduced.
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Prerequisite(s) and/or Corequisite(s)	Pre- SG 100 and SG 101 with a grade of "C" or better Co- None
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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

<b>General Education Outcomes</b>	
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).

<b>Program Outcomes</b>	
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	Comprehend the framework and environment of the practice of Surgical Technology. Focuses on safety through the impact of sterile technique and sterilization practices, patient care, anesthesia, "all hazards", and introduces the use of therapeutic communication, professionalism, group process, and critical thinking.	C-Understanding-2	5	0	0	2	1	1	1
2	Comprehend the administration of and responses to anesthesia.	C-Understanding-2	3	0	0	0	1	0	0
3	Identify OR team members, organizations, structures, and design of the surgical environment.	C-Remembering-1	1	0	0	2	1	0	0
4	Apply OR emergencies and the roles of each team member.	C-Analyzing-4	1	0	0	1	2	0	1
5	Recognize the techniques for preparing the patient, operating room, instruments standards and practice of sterilization, surgical supplies, and the equipment to be used during a surgical procedure. (Ex. positioning patients, dressings, drains etc.).	C-Remembering-1	5	2	2	1	1	1	0
6	Define disinfection and decontamination.	C-Remembering-1	2	0	0	1	2	0	0
7	Identify different wound classifications.	C-Understanding-2	5	0	0	2	2	0	0
8	Identify standard application of the surgical process in the Operating Room; apply these techniques to basic diagnostic procedures, general surgery, and OB GYN.	C-Evaluating-5	4	0	0	2	1	1	1
9	Identify relevant anatomy during basic diagnostic, general surgery and OB GYN procedures.	C-Analyzing-4	5	0	0	2	2	0	0
10	Interpret anticipation of operative procedures.	C-Evaluating-5	5	0	0	1	1	0	0

11	Identify preparation and handling of needles, suture materials, and hemostatic techniques.								
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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