

COURSE OUTCOME MATRIX

COURSE SYLLABUS

PART 2 of 3

Course Number and Title	SG 220: Surgical Technology II
-------------------------	--------------------------------

Credit Hours	7
--------------	---

Course Description	This course is a theory/practicum course that builds on the knowledge and skills acquired in SG 120 Surgical Technology I. Advanced surgical and diagnostic techniques are taught. The student is expected to progress in the role of scrub technician and second assistant in more surgical procedures. The role of circulator is practiced.
--------------------	---

Prerequisite(s) and/or Corequisite(s)	Pre- SG 120 with a grade of "C" or better Co- SG 210
---	---

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 the techniques for preparing the patient preoperatively, intraoperatively, and postoperatively for the surgical procedure. Also, specific case instruments to be used during the surgical procedure.	C-Analyzing-4	4	0	0	2	1	0	1
2	Students will execute the role of a Surgical Technologist performing surgical scrub, closed gowning and gloving using aseptic technique and assist the circulator with preoperative duties such as consents, patient ID's and etc.	P-Manipulate-2	2	0	1	1	1	0	0
3	Students will demonstrate the roles of the scrub and Circulator used intraoperatively in the Operating Room (Ex. Sponge, sharps and instrument counts)	C-Appling-3	2	0	1	1	1	0	0
4	Define postoperative duties and care of the patient in various roles.	C-Remembering-1	2	0	0	1	1	0	0
5	Students will have to recall the standards for cleaning, disinfection and sterilization of instruments.	C-Remembering-1	2	0	0	1	1	1	0
6	Students will have to recall the preparation and handling of needles, various material and common suturing techniques. Identify hemostatic and wound closure techniques and devices for the surgical procedure.	C-Remembering-1	4	0	0	2	1	0	0
7	Identify approaches by surgical incisions type, name, and possible complications.	C-Analyzing-4	5	0	0	2	2	0	0
8	Students will recall the operating room standards for electrical, laser and radiation safety.	C-Remembering-1	1	0	0	1	1	0	0
9	Students will adhere safe use of OR equipment used during surgery (Ex. Tourniquet, monitors, Etc.)	P-Manipulate-2	1	0	0	1	1	1	0

Bloom's Domain Legend

General Education Outcome Legend

C = Cognitive
A = Affective
P = Psychomotor

2 = Included and Measurable
1 = Introduced and/or Minimally Addressed and Not Measurable
0 = Not included

Approved: May 2021
Reviewed: October 29, 2021