



South Central College

SURG 1470 Surgical Internship

Common Course Outline

Course Information

Description Students will continue scrubbing in a hospital operating room. This internship will allow students to perform in the role of first scrub. Students will assist in a variety of surgeries and related duties, and will apply knowledge of surgical techniques, procedures, equipment, instruments, and supplies along with increasingly developing their skills to more complex procedures. (Prerequisites: SURG 1100, SURG 1220, SURG 1240, SURG 1330, SURG 1340, SURG 1450. Corequisite: SURG 1460)

Total Credits 5

Total Hours 240

Types of Instruction

Instruction Type	Credits/Hours
Internship	5/240

Pre/Corequisites

Prerequisite SURG 1100, SURG 1220, SURG 1240, SURG 1330, SURG 1340, SURG 1450

Corequisite SURG 1460

Course Outcomes

1. Demonstrate wound management.

Learning Objectives

Demonstrate proper suture selection, preparation, handling, and cutting techniques.
Demonstrate proper placement, handling, loading, and disposal of surgical needles.
Demonstrate the application of the principles of asepsis to basic wound care techniques.

2. Identify safety procedures that apply to surgical technology.

Learning Objectives

State safety rules to follow when working in surgery.
Describe hazards for biological safety.
Summarize the components that comprise the environmental systems.
Describe the principles of environmental system safety controls.

3. Describe legal issues and risk management.

Learning Objectives

Analyze the concepts of law.
Define the various types of legal doctrines.
Discuss the concepts that influence the standards of conduct.
Analyze the legal elements of proper documentation.
Describe the types of sentinel events.
Summarize the intentions of risk management.

4. Explain all-hazards preparation.

Learning Objectives

Describe the types of disasters or public health emergencies.
Discuss the effect of emerging infectious diseases.
Describe the effect disasters can have on the environment.
Describe how healthcare facilities can manage waste.
Describe the purpose and coordination of the all-hazards systems, including the hospital incident command system, national incident management systems, and national response framework.
Describe the components of a healthcare facility emergency operations plan.

5. Identify specimen care.

Learning Objectives

Describe specimen types.
Discuss methods of obtaining specimens.
Identify specimen collection containers.
Describe the procedures for handling the transfer of specimens.
List required labeling components.
Discuss the procedure for managing a specimen incident.
Demonstrate specimen handling and the validation process.

6. Explain tissue replacement materials.

Learning Objectives

Demonstrate proper use of tissue replacement materials.
Demonstrate knowledge of biological wound cover materials.

7. Review emergency patient situations.

Learning Objectives

Explain the personal and professional responsibilities of healthcare workers when participating in the management of a disaster or hazard.
Describe how to mitigate casualties according to specific types of hazards.
Describe the four responses that apply to every type of disaster.
Describe the triage procedures.
Describe the role of the surgical technologist during triage.
Describe the processes used to control contamination.
Describe the support roles of the surgical technologist.
Discuss the moral and ethical issues relevant to hazards.

8. Explain duties of the second scrub role.

Learning Objectives

Demonstrate holding retractors.
Demonstrate sponging and suctioning.

9. Describe and demonstrate the assistant circulator role.

Learning Objectives

Discuss the perioperative duties of the assistant circulator.
Demonstrate the perioperative duties of the assistant circulator to include documentation.

10. Demonstrate environmental disinfection of the operating room.

Learning Objectives

Describe the purpose of disinfection of the surgical environment.
Describe the cleaning process utilizing disinfecting agents.
Describe disinfecting agents.
Demonstrate disinfection of the surgical environment.

11. Apply sterile processing techniques.

Learning Objectives

Demonstrate point-of-use cleaning methods.
Demonstrate the use of various types of sterilization machines.
Demonstrate proper technique in storing, handling, and distributing sterile supplies.

12. Explain death and dying.

Learning Objectives

Evaluate perceptions regarding death and dying.
Define the various causes of death.
Discuss the definitions of death.
Compare and contrast responses to the process of death.
Evaluate the various coping strategies and mechanisms.
Analyze quality vs. quantity of life.
Evaluate the process when a patient's death occurs in the operating room.
Discuss the issues regarding organ and tissue recovery from a deceased individual.
Discuss the issues related to suicide.

13. Describe the breakdown of the sterile field.

Learning Objectives

Discuss the concepts for the breakdown of the sterile field.
Explain the steps that are taken to break down the sterile field.
Demonstrate the breakdown of the sterile field.

14. Demonstrate the application of dressings.

Learning Objectives

Describe the types of surgical dressings.
Evaluate the functions of surgical dressings.
Demonstrate the preparation of surgical dressings.
Demonstrate the application of surgical dressings.

15. Describe hemostasis.

Learning Objectives

Analyze the principles of hemostasis.
Demonstrate surgical technologist's role in hemostasis.
Differentiate between various methods of hemostasis.

16. Determine the needs of the patient.

Learning Objectives

Evaluate the holistic needs of the surgical patient.
Identify responses concerning the needs of the patient population.
Discuss the needs of the susceptible populations.

17. Apply knowledge of surgical supplies.

Learning Objectives

Identify surgical supplies.
Explain the usage of surgical supplies.
Explain the principles of handling the various types of surgical supplies.
Evaluate the selection of surgical supplies.
Demonstrate the role of the surgical technologist in the application of surgical supplies.

18. Complete a minimum of 120 cases.

Learning Objectives

Complete a minimum of 30 cases in general surgery.

Complete a minimum of 90 cases in various surgical specialties.

Demonstrate procedural proficiency by completing a minimum of 120 surgical cases.

SCC Accessibility Statement

Disability Services provides accommodations and other supports to students with permanent and temporary disabilities that affect their SCC experience. Disabilities may include mental health (anxiety, depression, PTSD), ADHD, learning disabilities, chronic health conditions (migraine, fibromyalgia), sensory disabilities, and temporary disabilities (broken arm, surgery). Common accommodations are extended test time, private room for testing, audiobooks, and sign language interpreter.

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