

Western Technical College

10512136 Surgical Technology Clinical 4

Course Outcome Summary

Course Information

Description	During this clinical course the student will function relatively independently. Serves as a transition from a student perspective to an employee by utilizing advanced skills for an entry level Surgical Technologist.
Career Cluster	Health Science
Instructional Level	Associate Degree Courses
Total Credits	3
Total Hours	216

Textbooks

Alexander's Surgical Procedures. Copyright 2012. Rothrock, Jane C. Publisher: Elsevier Science. **ISBN-13:** 978-0-323-07555-8. Required. (Part of Western Bundle Package **ISBN-13:** 978-0-323-46478-9)

Mosby's Dictionary of Medicine & Health Professions. 10th Edition. Copyright 2017. Mosby. Publisher: Elsevier Science. **ISBN-13:** 978-0-323-22205-1. Required.

Surgical Technology for the Surgical Technologist: A Positive Care Approach. 5th Edition. Copyright 2018. Association of Surgical Technologists. Publisher: Cengage Learning. **ISBN-13:** 978-1-305-95641-4. Required.

512-126 Surgical Technologist Clinical Booklet. Western. Publisher: Western. Required.

Success Abilities

1. Refine Professionalism: Act Ethically
2. Refine Professionalism: Improve Critical Thinking
3. Refine Professionalism: Participate Collaboratively
4. Refine Professionalism: Practice Effective Communication

Experiential Learning

1. Work Based Learning

Program Outcomes

1. Apply healthcare and technological science principles to the perioperative environment

2. Maintain principles of sterile technique in the surgical environment
3. Provide a safe, efficient, and supportive environment for the patient
4. Prepare the patient, operating room, and surgical team for the preoperative phase
5. Perform intraoperative case management in the scrub role
6. Perform postoperative case management
7. Function as an ethical, legal, and professional member of the healthcare team as determined by governing bodies

Course Competencies

1. Adapt to clinical site relatively independently

Assessment Strategies

- 1.1. in the clinical setting with a checklist

Criteria

You will know you are successful when

- 1.1. you demonstrate continued competence obtained in Clinical 3
- 1.2. you perform skills in an expedient or minimal time frame
- 1.3. you perform primarily without supporting cues

Learning Objectives

- 1.a. Identify changes in the operative milieu relatively independently.
- 1.b. Manage learning opportunities in cooperation with clinical site routines relatively independently.
- 1.c. Develop problem-solving and conflict management skills within the perioperative setting relatively independently.
- 1.d. Adapt practices related to changes within the clinical setting relatively independently.

2. Practice standard precautions

Assessment Strategies

- 2.1. in the clinical setting with a checklist

Criteria

You will know you are successful when:

- 2.1. you demonstrate continued competence obtained in Clinical 3
- 2.2. you perform skills in an expedient or minimal time frame
- 2.3. you perform primarily without supporting cues

Learning Objectives

- 2.a. Demonstrate principles of standard precautions relatively independently.
- 2.b. Demonstrate appropriate personal protective equipment use within the perioperative setting relatively independently.
- 2.c. Correct breaks in sterile technique following facilities protocols relatively independently.

3. Maintain sterile technique

Assessment Strategies

- 3.1. in the clinical setting with a checklist

Criteria

You will know you are successful when

- 3.1. you demonstrate continued competence obtained in Clinical 3
- 3.2. you perform skills in an expedient or minimal time frame
- 3.3. you perform primarily without supporting cues

Learning Objectives

- 3.a. Adapt practice using "surgical conscience" during perioperative activities relatively independently.

3.b. Correct contamination, adhering to principles of sterile and aseptic technique relatively independently.

4. Perform preoperative case management relatively independently

Assessment Strategies

4.1. in the clinical setting with a checklist

Criteria

You will know you are successful when:

- 4.1. you demonstrate continued competence obtained in Clinical 3
- 4.2. you perform skills in an expedient or minimal time frame
- 4.3. you perform primarily without supporting cues

Learning Objectives

- 4.a. Demonstrates preparing the surgical suite of necessary supplies, furniture and equipment for assigned surgical procedures utilizing the surgical preference card relatively independently..
- 4.b. Demonstrates the process of donning surgical attire for self and surgical team members relatively independently.
- 4.c. Demonstrates sterile technique when opening sterile supplies in preparation for assigned surgical procedure relatively independently.
- 4.d. Demonstrate preparation for assigned surgical procedure including but not limited to; surgical field establishment, surgical counts, sharp safety, surgical draping preparation and assistance relatively independently.

5. Perform intraoperative case management relatively independently

Assessment Strategies

5.1. in the clinical setting with a checklist

Criteria

You will know you are successful when

- 5.1. you demonstrate continued competence obtained in Clinical 3
- 5.2. you perform skills in an expedient or minimal time frame
- 5.3. you perform primarily without supporting cues

Learning Objectives

- 5.a. Demonstrate safe medication labeling and handling during surgical procedure relatively independently.
- 5.b. Demonstrate intra-operative case management duties in an organized and timely manner relatively independently.
- 5.c. Demonstrate ability to effectively anticipate the surgeon's needs during surgical procedures relatively independently.
- 5.d. Demonstrate management of sharps, medications, instrument handing, surgical counts, dressing preparation, and surgical specimen care within assigned surgical procedures with relatively independently.
- 5.e. Anticipates the needs of the surgical team with relatively independently.
- 5.f. Assess the needs of the surgical team with relatively independently.

6. Perform postoperative case management relatively independently

Assessment Strategies

6.1. in the clinical setting with a checklist

Criteria

You will know you are successful when

- 6.1. you demonstrate continued competence obtained in Clinical 3
- 6.2. you perform skills in an expedient or minimal time frame
- 6.3. you perform primarily without supporting cues

Learning Objectives

- 6.a. Demonstrate postoperative case management duties in an organized and timely manner relatively independently.
- 6.b. Apply standard precautions in performing postop case management activities relatively independently.
- 6.c. Demonstrate sharp safety during the postoperative period relatively independently.

7. Operate within the legal, moral, and ethical responsibilities of the surgical technologist

Assessment Strategies

7.1. in the clinical setting with a checklist

Criteria

You will know you are successful when

- 7.1. you demonstrate continued competence obtained in Clinical 3
- 7.2. you perform skills in an expedient or minimal time frame
- 7.3. you perform primarily without supporting cues

Learning Objectives

- 7.a. Apply HIPPA guidelines to all interactions within the perioperative setting relatively independently.
- 7.b. Apply principles of surgical conscience within the perioperative setting relatively independently.
- 7.c. Participate in "Time Out" process during assigned surgical procedures relatively independently.
- 7.d. Clarify intraoperative aspects of patient care which you are unclear of relatively independently
- 7.e. Complete intraoperative reports related to patient care relatively independently.
- 7.f. Practice legal, moral and ethical principles within the perioperative setting relatively independently.

8. Manage pharmacological agents relatively independently

Assessment Strategies

8.1. in the clinical setting with a checklist

Criteria

You will know you are successful when

- 8.1. you demonstrate continued competence obtained in Clinical 3
- 8.2. you perform skills in an expedient or minimal time frame
- 8.3. you perform primarily without supporting cues

Learning Objectives

- 8.a. Demonstrate safe practices in accepting and preparing medications on the sterile field relatively independently.
- 8.b. Manage medications and solutions, dosage, strengths, actions prior to acceptance to sterile field relatively independently.
- 8.c. Identify role of the Surgical Technologist in medication preparation for the surgical field relatively independently.
- 8.d. Classify medications, solutions, dosage, strengths, actions as they relate to assigned surgical procedures relatively independently.

9. Demonstrate professionalism

Assessment Strategies

9.1. in the clinical setting with a checklist

Criteria

You will know you are successful when

- 9.1. you demonstrate continued competence obtained in Clinical 3
- 9.2. you perform proficiently and confidently
- 9.3. you perform primarily without supporting cues

Learning Objectives

- 9.a. Demonstrates responsible and accountable behavior within the role and competencies of the surgical technologist relatively independently.
- 9.b. Apply knowledge of assigned surgical procedures when preparing for clinical experience relatively independently.

10. Assist with circulating duties with supervision

Assessment Strategies

10.1. in the clinical setting with a checklist

Criteria

You will know you are successful when

- 10.1. you demonstrate continued competence obtained in Clinical 3
- 10.2. you perform skills in an expedient or minimal time frame
- 10.3. you perform primarily without supporting cues

Learning Objectives

- 10.a. Discuss the perioperative duties of the assistant circulator relatively independently.
- 10.b. Demonstrate the duties of the assistant circulator including completion of documentation relatively independently.
- 10.c. Demonstrate duties of the assistant circulator in assisting during emergencies within the perioperative setting relatively independently.