Western Technical College

10512130 Surgical Skills Application

Course Outcome Summary

Course Information

<table>
<thead>
<tr>
<th>Description</th>
<th>Provides a transition from the academic to the clinical setting. Learners integrate the surgical technologist skills as they apply to various surgical procedures.</th>
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<tbody>
<tr>
<td>Career Cluster</td>
<td>Health Science</td>
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<tr>
<td>Instructional Level</td>
<td>Associate Degree Courses</td>
</tr>
<tr>
<td>Total Credits</td>
<td>2</td>
</tr>
<tr>
<td>Total Hours</td>
<td>108</td>
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</tbody>
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Textbooks


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


Learner Supplies

UVEX Astrospec 3000 Goggles (over glasses or no glasses style). Vendor: Campus Shop. Required.

Success Abilities

1. Cultivate Passion: Enhance Personal Connections
2. Cultivate Passion: Expand a Growth-Mindset
3. Cultivate Passion: Increase Self-Awareness
4. Refine Professionalism: Act Ethically
5. Refine Professionalism: Improve Critical Thinking
6. Refine Professionalism: Participate Collaboratively
7. Refine Professionalism: Practice Effective Communication
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. Integrate principles of surgical conscience for various surgical procedures.
   Assessment Strategies
   1.1. oral, written, demonstrative and/or graphic response
   Criteria
   
   You will know you are successful when
   1.1. you maintain sterile technique.
   1.2. you identify and correct breaks in sterile technique.
   1.3. you accept responsibility for your role as a Surgical Technologist.

   Learning Objectives
   1.a. Predict actions which compromise sterile technique.
   1.b. Demonstrate principles of sterile technique in your practice within the perioperative setting.
   1.c. Review actions and initiate measures to correct breaks in sterile technique within the perioperative setting.
   1.d. Identify and performs the tasks which are relevant to the surgical technologist role in the perioperative setting.

2. Evaluate surgical team member roles.
   Assessment Strategies
   2.1. by observing team members
   2.2. through an oral, written, and/or graphic response
   Criteria
   
   You will know you are successful when
   2.1. you include the roles the team members play.
   2.2. you include the tasks performed.
   2.3. you include how the team member relates to other members on the team.
   2.4. you include how the team member interacts with the Surgical Technologist.

   Learning Objectives
   2.a. Compare the varying roles each member of the perioperative team performs during the surgical experience.
   2.b. Summarize effective communication techniques utilized by the surgical team members within the perioperative setting.

3. Perform preoperative case management for various surgical procedures.
   Assessment Strategies
   3.1. in the lab or clinical setting with a checklist
   Criteria
You will know you are successful when

3.1. you use preference card to pull assigned cases.
3.2. you select items to be opened.
3.3. you arrange furniture in the operating room for assigned case.
3.4. you bring in needed equipment for the assigned case.
3.5. you place sterile supplies on appropriate surfaces for opening.
3.6. you assist with opening supplies.
3.7. you open your own gown and gloves.
3.8. you scrub for assigned case.
3.9. you gown and glove self
3.10. you gown and glove other team members.
3.11. you set up sterile field.
3.12. you prepare sharps for use.
3.13. you perform counts with circulator
3.14. you hand drapes to the surgeon or assistant.
3.15. you assist with draping.
3.16. you prepare for assigned cases.
3.17. you use medical terminology.
3.18. you provide your name and title to surgical team.

Learning Objectives
3.a. Demonstrates preparing the surgical suite of necessary supplies, furniture, and equipment for assigned surgical procedure utilizing the surgical preference card.
3.b. Demonstrate the process of donning surgical attire for self and surgical team members
3.c. Demonstrates the activities utilized to establish the surgical field, surgical counts, sharp safety, preparing, and assisting with surgical draping while preparing for the assigned surgical procedure.
3.d. Demonstrates sterile technique when opening sterile supplies in preparation for assigned surgical procedure.

4. Perform intraoperative case management for various surgical procedures.

Assessment Strategies
4.1. in the lab or clinical setting with a checklist

Criteria

You will know you are successful when

4.1. you put up light handles, cautery, and suction as needed.
4.2. you have sponges in place.
4.3. you hand sharps safely and correctly.
4.4. you hand instruments safely and correctly.
4.5. you prepare sutures and needles safely and correctly.
4.6. you handle solutions safely.
4.7. you label all solutions and or medications.
4.8. you respond to surgeon effectively.
4.9. you communicate with circulator effectively.
4.10. you maintain organized sterile tables.
4.11. you handle specimens appropriately.
4.12. you initiate counts at appropriate times.
4.13. you perform counts following facility policy.
4.14. you prepare dressings as needed.
4.15. you begin to anticipate surgeon's needs.

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

5. Perform postoperative case management for various surgical procedures.
Assessment Strategies
5.1. in the lab or clinical setting with a checklist

Criteria
You will know you are successful when
5.1. you maintain sterile field until patient leaves the room.
5.2. you handle all materials safely.
5.3. you place sharps in proper container.
5.4. you handle all biohazardous waste following facility policy.
5.5. you follow policy regarding aftercare of instruments.
5.6. you remove gown and gloves properly.
5.7. you use non-sterile gloves for clean up.
5.8. you follow policy for waste and linens disposal.
5.9. you transport dirty cart to designated area.
5.10. you follow policy for room cleanup.
5.11. you return unneeded supplies to proper places.
5.12. you summarize the role of the PACU.

Learning Objectives
5.a. Demonstrates postoperative case management duties in an organized manner.
5.b. Apply standard precautions in performing postop case management activities.
5.c. Demonstrates sharp safety during the postoperative period.

6. Demonstrate professionalism within the scope of practice.

Assessment Strategies
6.1. in the clinical setting with a checklist

Criteria
You will know you are successful when
6.1. you arrive on time to receive assignments.
6.2. you notify instructor of absence before scheduled time.
6.3. you are dressed in surgical attire.
6.4. you demonstrate critical thinking.
6.5. you ask questions appropriate to the assignment as needed.
6.6. you research assigned procedures.
6.7. you practice ethical behaviors.
6.8. you communicate effectively.
6.9. you help maintain a safe environment for the surgical patient.
6.10. you follow facility policies regarding the operating room environment.
6.11. you work as a member of a team.
6.12. you accept constructive comments and feedback from others.
6.13. you maintain a positive attitude
6.14. you seek out learning experiences
6.15. you accept assignments willingly

Learning Objectives
6.a. Demonstrate responsible and accountable behavior within the role and competencies of the surgical technologist.
6.b. Demonstrates knowledge of assigned surgical procedures.

7. Assist with nonsterile duties for various surgical procedures.

Assessment Strategies
7.1. in the lab or clinical setting with a checklist

Criteria
You will know you are successful when
7.1. you check the patient's identification.
7.2. you help move the patient onto the operating room bed.
7.3. you participate in operation site identification during "time out" as defined by facility.
7.4. you assist anesthesiologist as needed.
7.5. you assist with positioning the patient.
7.6. you assist with skin preparation following facility guidelines.
7.7. you assist with attaching cautery, suction, and other equipment as needed.
7.8. you pay attention to the progress of the procedure.
7.9. you respond to requests from the sterile team as appropriate.
7.10. you respond to emergencies as they present themselves.
7.11. you assist with securing dressings at end of procedure.
7.12. you assist with moving the patient to the recovery cart.
7.13. you help with room turn over.

Learning Objectives
7.a. Discuss the perioperative duties of the assistant circulator.
7.b. Demonstrate the duties of the assistant circulator including completion of documentation.