

ST 101 Perioperative Patient Care for the Surgical Tech with LAB (4 credits) Term II

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Office Contact: Email is the best way to contact the instructor for this class. Messages received between Monday at 8am and Friday at 5pm are generally returned within 24 hours. Messages received on Saturdays, Sundays, or holidays will be returned on the next business day. By appointment, please email to set up a mutually convenient time.

Office Phone: 541-918-8844

Text:

- Surgical Technology: Principles and Practice, 6th edition
- Illustrated Guide to Medical Terminology

Course Description: This course introduces the concepts associated with the care of patients before surgery, during surgery, and after surgery. Students will explore the basic concepts of meeting a patient’s physical and psychosocial needs regarding surgery and how to address certain concerns. Patient charting, patient transfer and patient positioning during surgery are discussed.

- This course contains 40 hours of instructor created content with the expectation that the average student will have 120 - 160 hours of engagement within the quarter.
- This is an online asynchronous course with scheduled hands-on LABS at the Health Occupations Center in Lebanon
- **Students progress in a prescribed linear methodology through the course demonstrating competency.**
- Grading rubrics are provided for every Competency Assessment

Program Outcome:

- Demonstrate competence in the technological aspects of the surgical technologist profession.
- Provide surgical patient care and comfort with empathy and cultural competence
- Demonstrate competence in surgical technologist duties, procedures and cases.

Course Outcomes:

- Demonstrate methods utilized to analyze and plan for the needs of the surgical case.
- Select the instruments, supplies and equipment needed for a surgical procedure.
- Demonstrate techniques for preparing the sterile field.
- Explain the procedures for draping furniture and equipment.
- Apply the principles of asepsis to the practice of sterile technique.
- Apply standard precautions to the performance of perioperative case management activities.

CREDIT UNIT 1	Course Introduction								AST CORE CURRICULUM:
CU1 M1	Read Intro: Perioperative Pharmacology	Review Terminology Activity	Read Chapter 13	Complete Self-check 20 MC questions	Complete Critical Thinking Discussion Question	Review Terminology Activity	Complete Self-check 10 MC questions	Read Chapter 14	Pharmacology and Anesthesia

CU1 M1 (Continued)	Complete Critical Thinking Discussion Question	Complete Self-check 20 MC questions	Complete Monitoring Competency Assessment	Complete Critical Thinking Discussion Questions					Pharmacology and Anesthesia
CU1 M2	Read Intro: Postanesthesia Recovery	Review Terminology Activity	Complete Self-check 10 MC questions	Read Chapter 15	Complete Critical Thinking Discussion Question	Complete Self-check 20 MC questions	Complete Recovery Comp Assessment	Complete Critical Thinking Discussion Questions	Postoperative
CU1 M3	Read Intro: Death and Dying	Review Terminology Activity	Complete Self-check 10 MC questions	Read Chapter 16	Complete Critical Thinking Discussion Question	Complete Self-check 20 MC questions	Complete Death and Dying Comp Assessment	Complete Critical Thinking Discussion Questions	Death and Dying
	<p>Case Study #1</p> <p style="text-align: center;">Assessment of course outcomes:</p> <ul style="list-style-type: none"> • Demonstrate methods utilized to analyze and plan for the needs of the surgical case. • Demonstrate techniques for preparing the sterile field. • Apply standard precautions to the performance of perioperative case management activities. • AST: Intraoperative • AST: Perioperative Case Management • AST: Preoperative Non-sterile • AST: Professionalism • AST: Pharmacology and Anesthesia 								
CU2 M1	Read Intro: Physics and Information Technology	Review Terminology Activity	Complete Self-check 10 MC questions	Read Chapter 17	Complete Critical Thinking Discussion Question	Complete Electricity Comp Assessment	Complete Critical Thinking Discussion Questions		Electricity
CU2 M2	Read Intro: Energy sources in Surgery	Review Terminology Activity	Complete Self-check 10 MC questions	Read Chapter 18	Complete Critical Thinking Discussion Question	Complete Laser Awareness Comp Assessment	Complete Critical Thinking Discussion Questions		Electricity
CU2 M3	Read Intro: Robotics	Review Terminology Activity	Read Chapter 24	Complete Critical Thinking Discussion Question	Complete Self-check 20 MC questions	Complete Robotics Comp Assessment	Complete Critical Thinking Discussion Questions		Healthcare Facility Information Robotics

<p>Case Study #2</p> <p style="text-align: center;">Assessment of course outcomes:</p> <ul style="list-style-type: none"> • Demonstrate methods utilized to analyze and plan for the needs of the surgical case. • Demonstrate techniques for preparing the sterile field. • Apply standard precautions to the performance of perioperative case management activities. • AST: Intraoperative • AST: Perioperative Case Management 									
CU3 M1	Read Intro: Moving, handling, and positioning patients	Review Terminology Activity	Complete Self-check 10 MC questions	Read Chapter 19	Complete Critical Thinking Discussion Question	Complete Self-check 12 MC questions	Complete Positioning Comp Assessment	Complete Critical Thinking Discussion Questions	Preoperative: Non-Sterile
CU3 M2	Read Intro: Surgical Skin Prep and Draping	Review Terminology Activity	Complete Self-check 10 MC questions	Read Chapter 19	Complete Critical Thinking Discussion Question	Complete Self-check 20 MC questions	Complete Draping Comp Assessment	Complete Critical Thinking Discussion Questions	Perioperative Case Management Preoperative: Non-Sterile
CU3 M3	Read Intro: Case planning	Review Terminology Activity	Complete Self-check 10 MC questions	Read Chapter 21	Complete Critical Thinking Discussion Question	Complete Self-check 20 MC questions	Complete Case Planning & Surgical Counts Comp Assessment	Complete Critical Thinking Discussion Questions	Intraoperative Perioperative Case Management Preoperative: Non-Sterile
<p>Case Study #3</p> <p style="text-align: center;">Assessment of course outcomes:</p> <ul style="list-style-type: none"> • Demonstrate methods utilized to analyze and plan for the needs of the surgical case. • Demonstrate techniques for preparing the sterile field. • Apply standard precautions to the performance of perioperative case management activities. • AST: Intraoperative • AST: Perioperative Case Management 									
CU4 M1	Read Intro: Surgical Wounds	Review Terminology Activity	Complete Self-check 10 MC questions	Read Chapter 22	Complete Critical Thinking Discussion Question	Complete Self-check 20 MC questions	Complete Sutures Comp Assessment	Complete Critical Thinking Discussion Questions	Intraoperative: Sterile
CU4 M2	Read Intro: Disaster Response	Review Terminology Activity	Complete Self-check 10 MC questions	Read Chapter 5	Complete Critical Thinking Discussion Question	Complete Self-check 12 MC questions	Complete Disaster Codes Comp Assessment	Complete Critical Thinking Discussion Questions	All Hazards Preparation

Final Exam	<p>Essay questions worth 48 points Timed for 1 hour Proctored</p> <p style="text-align: center;">Assessment of course outcomes:</p> <ul style="list-style-type: none"> • Demonstrate methods utilized to analyze and plan for the needs of the surgical case. • Select the instruments, supplies and equipment needed for a surgical procedure. • Demonstrate techniques for preparing the sterile field. • Explain the procedures for draping furniture and equipment. • Apply the principles of asepsis to the practice of sterile technique. • Apply standard precautions to the performance of perioperative case management activities. • AST: Perio-Operative • AST: Pre-Operative Sterile • AST: Pharmacology • AST: Post-Operative
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LAB SKILLS EVALUATIONS	<ul style="list-style-type: none"> • Case Set-Up • Positioning • Selecting Supplies: Non-scrubbed role • Surgical Draping • Surgical Draping: Patient • Sterile Role • Catheters, Drains, and Collection Systems • Dressings, sponges, and packing • Receiving Drugs • Sutures, needles, and suturing • Counts • Instrumentation • End of Case
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ESSAY AND DISCUSSION QUESTION RUBRICS:

4 pts	3.2 pts	3 pts	2 pts
<p>Fabulous answer. Answer in student's own words. 100% accurate. Well-written, thoughtful and thorough. Demonstrates exceptional critical thinking and/or application to real-life scenario. Exceeds expectation. No grammatical, spelling, or punctuation errors.</p>	<p>Adequate and accurate answer. Answer in student's own words. Demonstrates some critical thinking and/or application to real-life scenario. More detail could have been provided. 1 -2 grammatical, spelling, or punctuation errors.</p>	<p>Answer in student's own words. Not entirely accurate and/or not adequately written and/or answer is lacking substance and information. Student does not demonstrate critical thinking and/or application. > 2 grammatical, spelling, or punctuation errors.</p>	<p>Answer is NOT in student's own words and/or answer is NOT accurate. Student did not answer question fully. No demonstration of critical thinking and/or application. Lacks significant substance and information. > 2 grammatical, spelling, or punctuation errors.</p>

- NOTE: Rubrics and points for Assessments along with grade calculations can be found on each Assessment within the Learning Management System.

GRADING:

- **Students MUST pass all Skills Evaluations with a 75% or greater to proceed to practicum.**
- This is a two (2) credit, letter grade course with the final grading scale as:
 - A = 90 – 100%
 - B = 80 – 89%
 - C = 75 - 79%

- FAIL = < 75%

COURSE FAILURE POLICY

If a student fails this course, he or she must withdraw from the program.

LBCC Center for Accessibility Resources Policy

Students who use accommodations in a regular classroom should contact their Instructors as soon as possible. If you have not accessed services and think you may need them, please contact the [LBCC Center for Accessibility Resources office \(Links to an external site.\)](#)[Links to an external site.](#), you can **send an email** or call 541.917.4789.

Accommodations for online courses may be different than those for traditional classrooms. It is important that you contact LBCC Center for Accessibility Resources as soon as possible to discuss solutions and options.

You should meet with your instructor during the first week of class if:

- You have a documented disability and need accommodations,
- Your instructor needs to know medical information about you, or
- You need special arrangements in the event of an emergency.

If you have not accessed services and think you may need them, please contact the Center for Accessibility Resources (CFAR), 541-917-4789.

STATEMENT OF INCLUSION

The LBCC community is enriched by diversity. Everyone has the right to think, learn, and work together in an environment of respect, tolerance, and goodwill. I actively support this right regardless of race, creed, color, personal opinion, gender, sexual orientation, or any of the countless other ways in which we are diverse. (Related to Board Policy #1015)