**ST 100 Introduction to Surgery (3 credits)**

**Term I**

**Instructor: Norma Cyphert**

**Email: cyphern@linnbenton.edu**

**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.**

**Text:**

* **Surgical Technology: Principles & Practice, 7th edition**

**Course Description:**

Introduces the surgical environment and will include the hazards and dangers associated with working with surgical team members. Students will learn how to prevent the spread of infection and infectious disease and be provided with an overview of surgical instruments and the sterilization process.

* This course contains 30 hours of instructor created content with the expectation that the average student will have 90 hours of engagement within the quarter.
* This is an online asynchronous course
* **Students progress in a prescribed linear methodology through the course demonstrating competency.**
* Grading rubrics are provided for every Competency Assessment

**Program Outcomes:**

* 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:**

* Describe surgical technology professional practice standards.
* Explain pre-operative surgical technology practices
* Explain peri-operative surgical technology practices.
* Describe the professional roles within surgical technology.

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **WEEK**  |  |  |  |  |  |  |  |  |  | **AST CORE CURRICULUM:** |
| **1** | Read Intro: Surgical Instruments | Review Terminology Activity | Complete Self-check10 MC questions | Read Chapter 11 | Complete Self-check 20 MC questions | Complete Discussion Question | Review Surgical Instruments Activity | Complete Surgical InstrumentsComp Assessment |  | ProfessionalismPerioperative Case Management |
| **2** | Read Intro: Surgical Tech | Review Terminology Activity | Complete Self-check10 MC questions | Read Chapter 1 | Complete Self-check 20 MC questions | Complete Roles of Surg TechComp Assessment | Complete Discussion Question | Complete Surgical InstrumentsComp Assessment |  | ProfessionalismPerioperative Case Management |
| **2** | Read Intro:Law, Documentation & Ethics | Review Terminology Activity | Complete Self-check10 MC questions | Read Chapter 3 | Complete Self-check 20 MC questions | Complete Issues Assessment  | Complete Discussion Question | Complete Surgical InstrumentsComp Assessment |  | ProfessionalismPerioperative Case Management |
| **4** | Read Intro: Health Care Facility | Review Terminology Activity | Complete Self-check10 MC questions | Read Chapter 4 | Complete Self-check 20 MC questions | Complete Chain of Command Competency Assessment | Complete Discussion Question | Complete The Physical EnviroComp Assessment | Complete Surgical InstrumentsComp Assessment | Healthcare Facility InformationPerioperative Case Management |
| **5** | Read Intro:Diagnostic & Assessment Procedures | Review Terminology Activity | Complete Self-check10 MC questions | Read Chapter 6 | Complete Self-check 20 MC questions | Complete Baseline Values Competency Assessment | Complete Discussion Question | Complete Surgical InstrumentsComp Assessment |  | Preoperative Non-sterileProfessionalismPerioperative Case Management |
| **6** | Read Intro:Environment Hazards | Review Terminology Activity | Complete Self-check10 MC questions | Read Chapter 7 | Complete Self-check 20 MC questions | Complete Discussion Question | Safety Training Lecture Materials | Complete Safety Training CompAssessment | Complete Surgical InstrumentsComp Assessment | ProfessionalismPerioperative Case ManagementElectricityHealth facility information |
| **7** | Read Intro:Microbes and the Process of Infection | Review Terminology Activity | Complete Self-check10 MC questions | Read Chapter 8 | Complete Self-check 20 MC questions | Complete Discussion Question | Complete Microbe Identification Competency Assessment | Complete Surgical InstrumentsComp Assessment |  | MicrobiologyPerioperative Case Management |
| **8** | Read Intro:Aseptic Technique | Review Terminology Activity | Complete Self-check10 MC questions | Read Chapter 9 | Complete Self-check 20 MC questions | Complete Discussion Question | Video: Hand Hygiene | CompleteHandWashingComp Assessment | Complete Surgical InstrumentsComp Assessment | ProfessionalismPreoperative SterilePerioperative Case Management |
| **9** | Read Intro:Decontamination, Sterilization, and Disinfection | Review Terminology Activity | Complete Self-check10 MC questions | Read Chapter 10 | Complete Self-check 20 MC questions | Complete Discussion Question | Complete Clean vs. Disinfect vs. Sterilize Competency Assessment | Complete Surgical InstrumentsComp Assessment |  | ProfessionalismPreoperative SterilePerioperative Case Management |
| **10** | Read Intro: Robotic Surgery | Review Terminology Activity | Complete Self-check10 MC questions | Read Chapter 22, Section III: Robotic Surgery | Complete Self-check 20 MC questions | Complete Discussion Question | Complete Robotics Competency Assessment | Complete Surgical InstrumentsComp Assessment |  | Robotics |
| **11** | **Case Study Capstone Project****Assessment of course outcomes:*** Describe surgical technology professional practice standards and safety.
* Explain pre-operative surgical technology practices.
* Explain peri-operative surgical technology practices.
* Describe the professional roles within surgical technology.
* AST: Preoperative Non-sterile - Surgical Technology
* AST: Perioperative Case Management - Surgical Technology
* AST: Pharmacology and Anesthesia - Healthcare Sciences
* AST: Preoperative Sterile - Surgical Technology
 |
| **Skills Evaluations** | * **Surgical Attire**
* **Surgical Scrub**
* **Drying Hands**
* **Gowning and Gloving**
* **Final Skills Evaluation**
 |

**GRADING:**

**The FINAL SKILLS EVALUATION is worth 50% of your grade.**

* **A minimum of 75% is required on all Assessments**
* 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%

**Late assignments and/or quizzes are not accepted for any reason throughout the entire program.** Students are responsible for monitoring their own test scores and class averages.

**SYLLABUS CHANGE POLICY**

This syllabus is subject to change as the instructor evaluates the progress of students and their understanding of concepts.

**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.](http://linnbenton.edu/go/ds), 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)