**ST 140 Pharmacology & Anesthesia for Surg Tech (2 credits)**

**Term I**

**Instructor: Barb Vandermeer**

**Email:**

**Office Contact: Email is the best way to contact the instructor for this class. Messages received between Monday at 8 am and Friday at 5 pm 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:**

**Text:**

* **Practical Pharmacology for the Surgical Technologist by Teri Junge.**
* **Surgical Technology: Principles & Practice, 7th edition**

**Course Description:** Prepares the student to identify the classifications of medication, including desired effects, side effects, and adverse reactions. Introduces some of the most common drugs and pharmacology used in the surgical setting.

* This course contains 20 hours of instructor-created content with the expectation that the average student will have 120 hours of engagement within the quarter.
* This is an online asynchronous course
* **Students progress in a prescribed linear methodology through the course demonstrating competency.**

**Program Outcome:**

* Provide surgical patient care and comfort with empathy and cultural competence.
* Demonstrate competence in the technological aspects of the surgical technologist profession.

**Course Outcomes:**

* Distinguish among the chemical, generic and trade names of drugs. Identify classifications of medications as well as their desired effects, side effects, and adverse reactions.
* Analyze the principles of anesthesia administration and explain the necessity of each component of anesthesia preparation of the surgical patient.
* Compare and contrast methods, agents, and techniques of anesthesia administration and preparation.
* Explain anesthesia complications and interventions.

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| **Topic** |  |  |  |  |  |  |
| **1** | Review Lecture Materials: Chapter 1 | Complete Self-check  10 MC questions | Complete  Most Prescribed Drugs  Competency Assessment | Discussion:  Chapter 1 - Have You Considered? |  |  |
| **2** | Review Lecture Materials: Chapter 2 | Complete Self-check  10 MC questions | Complete  Most Prescribed Drugs  Competency Assessment | Discussion:  Chapter 2 - Have You Considered? |  |  |
| **3** | Review Lecture Materials: Chapter 3 | Complete Self-check  10 MC questions | Complete  Most Prescribed Drugs  Competency Assessment | Discussion:  Chapter 3 - Have You Considered? |  |  |
| **4** | Review Lecture Materials: Chapter 4 | Complete Self-check  10 MC questions | Complete  Most Prescribed Drugs  Competency Assessment | Discussion:  Chapter 4 - Have You Considered? |  |  |
| **5** | Review Lecture Materials: Chapter 5 | Complete Self-check  10 MC questions | Complete  Most Prescribed Drugs  Competency Assessment | Discussion:  Chapter 5 - Have You Considered? | Activity:  Drug Practice |  |
| **6** | Comprehensive Assessment:  Essay and fill-in-the  -blank  Timed for 1 hour | | | | | |
| **7** | Review Lecture Materials: Chapter 6 | Complete Self-check  10 MC questions | Complete  Most Prescribed Drugs  Competency Assessment | Discussion:  Chapter 6 - Have You Considered? |  |  |
| **8** | Review Lecture Materials: Chapter 7 | Complete Self-check  10 MC questions | Complete  Most Prescribed Drugs  Competency Assessment | Discussion:  Chapter 7 - Have You Considered? |  |  |
| **9** | Review Lecture Materials: Chapter 8 | Complete Self-check  10 MC questions | Complete  Most Prescribed Drugs  Competency Assessment | Discussion:  Chapter 8 - Have You Considered? |  |  |
| **10** | Review Lecture Materials: Chapter 9 | Complete Self-check  10 MC questions | Complete  Most Prescribed Drugs  Competency Assessment | Discussion:  Chapter 9 - Have You Considered? | Activity:  Drug Practice |  |
| **11** | Review Lecture Materials: Chapters 12 & 13 FULLER TEXT BOOK | Complete Self-check  20 MC questions | Complete  Monitoring Competency Assessment | Discussion:  Chapter 12 & 13  Have You Considered? | Activity:  Final Exam Practice |  |
| **12** | Comprehensive Final  Multiple choice, essay, matching, and fill-in-the blank questions worth 50 points  Timed for 1 hour | | | | |  |

**GRADING:**

* 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.](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)