### Course Description:
This course introduces general pharmacological concepts and principles in the management of patient care. Effective administration of therapeutic drugs, indications, and contraindications are discussed, including effects of medication on body systems, drug classifications and their principle action. Correct drug and dose identification is emphasized, including medications handled by the surgical technologist on the sterile field. (2-hour lecture)

### Course Competency | Learning Outcomes
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**Competency 1**: The student will compare and contrast the roles of circulating nurse and surgical technologist during the administer of anesthesia by:

1. Explaining the role of the surgical technologist during induction of anesthesia  
2. Demonstrating cricoid therapy  
3. Demonstrating receiving medication on the back table in the scrub role

- Critical thinking  
- Social Responsibility

**Competency 2**: The student will demonstrate the precautions when identifying medications ad solutions in the operating room by:

1. Explaining labeling of drugs used in the operating room  
2. Identifying each name of medications used in surgery  
3. Visually recognize differences in surgical medications

- Communication  
- Critical thinking  
- Ethical Issues

**Competency 3**: The student will demonstrate recognize the side effects and contraindications for the use of various medications and anesthetic drugs by:

1. Identifying patient allergy by checking armbands  
2. Demonstrating knowledge of “time outs” as it applies to patient safety.  
3. Explaining the difference of epinephrine added to surgical medications