

## SURT1215 - Surgical Pharmacology

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|--------------------|---|
| Credits:           | 3 (2/1/0)   |
| Description:       | This course introduces basic surgical pharmacology. Topics include drug classification, therapeutic effects, side effects, interactions and dosage calculations.  |
| Prerequisites:     | <ul style="list-style-type: none"> <li>• SURT1200</li> <li>• SURT1210</li> </ul>  |
| Corequisites:      | <ul style="list-style-type: none"> <li>• SURT1220</li> </ul>  |
| Pre/Corequisites*: |   |
| Competencies:      | <ol style="list-style-type: none"> <li>1. Demonstrate proficiency in dosage calculations for surgical patients, including converting from one system to another.</li> <li>2. Differentiate between types of anesthesia.</li> <li>3. Identify methods of anesthesia administration.</li> <li>4. Identify methods of administering different types of anesthesia.</li> <li>5. Explore pharmacological and therapeutic classifications of surgical medications.</li> <li>6. Define general terminology associated with drug use.</li> <li>7. Identify principles of drug use and anesthesia administration.</li> <li>8. Perform medication preparation while maintaining surgical asepsis.</li> <li>9. Accurately perform sponge, needle and instrument counts.</li> <li>10. Demonstrate safe handling of infectious/hazardous waste.</li> <li>11. Identify anesthesia techniques, medication administration and preparation.</li> </ol> |
| MnTC goal areas:   | None  |

\*Can be taking as a Prerequisite or Corequisite.