SURT1225 - Surgical Pathophysiology

Credits:	3 (3/0/0)
Description:	This course introduces the learner to human disease processes that prompt surgical intervention. Relationships between cell pathology and disease will be examined. Disorders that disrupt homeostasis and surgical considerations will be presented. Surgical pathologies of the human body will be illustrated.
Prerequisites:	• Admission to the Surgical Technology Program • BIOL2260 • BIOL2261 • Cumulative GPA of 2.5 or better • Current CPR Certification *Needs to be AHA HeartCode BLS Healthcare Provider • ENGL1101 • North Dakota State Board of Nursing Unlicensed Assistive Personnel-Student Surgical Technologist Registry • PHIL1200 • PSYC2222 • SURT1200 • SURT1210
Corequisites:	• SURT1215 • SURT1220
Pre/Corequisites*:	
Competencies:	1. Relate pathophysiology to surgical interventions. 2. Analyze the relationship between cell pathology and disease. 3. Examine hemodynamic disorders, inflammation and infection. 4. Compare and contrast the various surgical pathologies of each body system. 5. Identify surgically treatable diseases and disorders. 6. Recognize diagnostic tests used to determine surgical interventions. 7. Name surgical care considerations for various illnesses and injuries. 8. List possible preoperative diagnoses for patient conditions that prompt surgical intervention. 9. Select the surgical specialty that cares for various conditions.
MnTC goal areas:	None

**Can be taking as a Prerequisite or Corequisite.*

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