

## Master Syllabus

### SUT 1110 - Theory & Fundamentals

**Division:** Health Sciences

**Department:** Surgical Technology

**Credit Hour Total:** 5.0

**Lecture Hrs:** 5.0

**Prerequisite(s):** ALH 1101 AND BIO 1121 AND ENG 1101 AND HIM 1101 AND MAT 1130

**Other Prerequisite(s):** AND Restricted to Majors

**Date Revised:** March 2016

---

### Course Description:

Discusses the framework and environment for the practice of Surgical Technology. Focuses on safety through the impact of sterile technique and sterilization practices, patient care, anesthesia, 'all hazards', and introduces the use of therapeutic communication, professionalism, group process, and critical thinking.

### General Education Outcomes:

- ❑ Oral Communication Competency
- ❑ Critical Thinking/Problem Solving Competency
- ❑ Values/Citizenship/Community Competency
- ❑ Written Communication Competency

### Course Outcomes:

#### Administration of anesthesia

Describe the administration of and responses to anesthesia.

**Assessment Method:** Locally developed exams  
**Performance Criteria:**

80% or higher

**Assessment Method:** Performance appraisals  
**Performance Criteria:**

Receive a "pass" on competencies using appropriate rubric

**Assessment Method:** Standardized national examinations  
**Performance Criteria:**

Attainment of 'Meets Criteria' Category

#### Parameters that impact Surgical Technology

Identify the historical, legal, ethical, and professional parameters that impact the practice of Surgical Technology.

**Assessment Method:** Locally developed exams  
**Performance Criteria:**

80% or higher

**Assessment Method:** Performance appraisals  
**Performance Criteria:**

Receive a "pass" on competencies using appropriate rubric

**Assessment Method:** Standardized national examinations  
**Performance Criteria:**

Attainment of 'Meets Criteria' Category

#### Organization, structure and design

Describe the organization, structure, and design of the surgical environment.

**Assessment Method:** Locally developed exams  
**Performance Criteria:**

80% or higher

**Assessment Method:** Performance appraisals  
**Performance Criteria:**

Receive a "pass" on competencies using appropriate rubric

**Assessment Method:** Standardized national examinations  
**Performance Criteria:**

Attainment of 'Meets Criteria' Category

### Outline:

Framework for the practice of surgical technology  
Surgical environment  
Sterilization  
Anesthesia  
Preoperative patient care  
Professionalism  
Communication  
Critical Thinking  
All hazards