



STARK STATE COLLEGE

GENERAL SYLLABUS

Course Information

Course Name: Principles of Surgery I
Course Number: SUR102

Required Materials

Textbook(s):

- Association of Surgical Technologists, Inc. (2024). *Surgical technology for the surgical technologist* (6th ed.). Cengage Learning. (Includes MindTap)
- Rutherford, C. J. (2020). *Differentiating surgical instruments* (3rd ed.). F.A. Davis.

Required Readings: See weekly calendar below

Additional Materials: Refer to course outline

Course Outline/Calendar

The date of coverage and order of coverage may be modified based on the faculty member and events beyond the control of faculty members that interfere with class times and teaching.

Week	Chapter/Topic/Lab
Week 1	Review of ST handbook and orientation discussion Chapter 1-Introduction to Surgical Technology (Cengage textbook) Chapter 1-Instruments, Care of instruments, and Setup Guidelines (FA Davis book) Chapter 2-General Instrumentns (FA Davis book) Instrument Set #1-See handout (FA davis book)
Week 2	Chapter 12-Preoperative Surgical Case Management (Cengage textbook) Chapter 1-Instruments, Care of instruments, and Setup Guidelines (FA Davis book) Chapter 2-General Instrumentns (FA Davis book) Instrument Set #1-See handout(FA Davis book)
Week 3	Chapter 12-Preoperative Surgical Case Management (Cengage textbook) Chapter 1-Instruments, Care of instruments, and Setup Guidelines (FA Davis book) Chapter 2-General Instrumentns (FA Davis book) Instrument Set #1-See handout (FA Davis book)
Week 4	Chapter 2-Legal Concepts, Risk Management, and Ethical Issues (Cengage textbook) Instrument Set #2-See handout (FA Davis book)
Week 5	Chapter 2-Legal Concepts, Risk Management, and Ethical Issues (Cengage textbook) Chapter 3-The Surgical Patient (Cengage textbook) Instrument Set #2-See handout (FA Davis book)
Week 6	Chapter 3-The Surgical Patient (Cengage textbook)

Week	Chapter/Topic/Lab
	Instrument Set #2-See handout (FA Davis book)
Week 7	Chapter 4-Physical Environment and Safety Standards (Cengage textbook) Instrument Set #3-See handout (FA Davis book)
Week 8	Chapter 4-Physical Environment and Safety Standards (Cengage textbook) Instrument Set #3-See handout (FA Davis book)
Week 9	Chapter 5-Technological Science Concepts (Cengage textbook) Instrument Set #3-See handout (FA Davis book)
Week 10	Chapter 5-Technological Science Concepts (Cengage textbook) Chapter 6-Principles of Microbiology (Cengage textbook) Instrument Set #4-See handout (FA Davis book)
Week 11	Chapter 6-Principles of Microbiology (Cengage textbook) Instrument Set #4-See handout (FA Davis book)
Week 12	Microbiology Project Presentation (Chapter 7-Cengage textbook) Instrument Set #4-See handout (FA Davis book)
Week 13	Chapter 7-Surgical Asepsis and Sterility: Best Practices and Techniques (Cengage textbook) Instrument Set #4-See handout (FA Davis book)
Week 14	Chapter 7-Surgical Asepsis and Sterility: Best Practices and Techniques (Cengage textbook) Instrument Set #4-See handout (FA Davis book)
Week 15	Review for Final exam
Week 16	Final Exam