



# Wayne County Community College District

## COURSE SYLLABUS

### SUR 110 Surgical Technology Principles – Lecture

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**CREDIT HOURS:** 3.00

**CONTACT HOURS:** 45.00

**COURSE DESCRIPTION:**

This course provides the fundamentals of surgical concepts and techniques. The course covers methods of sterilization, disinfection, surgical instrumentation, equipment, supplies, wound closure and management, and preparation of the patient for surgical intervention. The perioperative care of the patient is emphasized.

**PREREQUISITES:** *Admission to the Surgical Technology Program, ENG 119, ENG 120, BIO 240, BIO 250, BIO 295, PSY 101, ALH 110*

**EXPECTED COMPETENCIES:**

Upon successful completion of this course, the student will:

- Display his or her comprehension of text and materials disseminated in class, by completing assignments and pass written examinations with 86 percent accuracy or higher.
- Develop knowledge of the essentials and applications of the principles of aseptic and sterile techniques.
- Develop an understanding of the sterilization process; identify methods of sterilization, and various chemicals used in the operating room environment.
- Develop a surgical conscience coupled with self-inspection and a moral obligation to act appropriately in protecting the surgical patient.
- Recognize the surgical patient as a unique individual who is a person with basic needs, while other patients may have special needs.
- Comprehend various types of wounds, closures, sutures, and suturing techniques.
- Develop skills to enhance memorization of common surgical instruments, supplies, and equipment.
- Understand some of the concepts and considerations of perioperative patient care.

**ASSESSMENT METHODS:**

Student performance may be assessed by examination, quizzes, case studies, oral conversation, group discussion, oral presentations. The instructor reserves the option to employ one or more of these assessment methods during the course.

**GRADING SCALE:**

90%-100% = A  
80%-89.9%= B  
70%-79.9%= C  
60%-69.9%= D  
<60% = E