BAKER COLLEGE
STUDENT LEARNING OUTCOMES
SUR2010 Surgical Fundamentals
2 Semester Hours

Program Goals
To prepare competent entry-level surgical technologists in the cognitive (knowledge), psychomotor (skills), and affective (behavior) learning domains.

Student Learning Outcomes & Enabling Objectives
At the end of the course, students will...

Cognitive
1. Interpret the professional expectations of a surgical technologist.
   a. Articulate the need for personal leadership as a surgical technologist.
   b. Explain the role and importance of professional organizations and certifications in the surgical technology field.
   c. Distinguish the need for effective and appropriate verbal and non-verbal communication.
   d. Describe how quality customer service is delivered by surgical technologists.
   e. Explain the importance of maintaining professional and emotional boundaries as a surgical technologist.
   f. Complete the Achieve Career Excellence (ACE) assignments

2. Explore various professional avenues.
   a. Research various career options.
   b. Discuss additional credentialing for the Surgical Technologist.
   c. Investigate professional organizations within surgical technology.
   d. Examine how lifelong learning and professional competence impact the surgical technology profession.

3. Discuss the scope of practice for surgical technology.
   a. Describe the specialties within surgical technology.
   b. Distinguish the roles and responsibilities of surgical technologists.
   c. Characterize the surgical team and the team environment.
   d. Elaborate on the importance of having a commitment to coworkers.

4. Describe the daily functions and expectations of the surgical technologist.
   a. Describe the daily expectations of a surgical technologist with regard to dress code and physical stress in particular.
   b. Describe personal protection equipment.
   c. Explain how cultural diversity impacts communication in the operating room.
   d. Interpret the impact the economy has on the availability and use of resources.
   e. Discuss the importance of developing techniques for handling stress.

5. Examine the nature of the surgical work environment.
   a. Describe the organizational culture of the surgical technology workplace.
b. Discuss location of surgical services within the health care facility

c. Describe an optimal location of the operating room.

d. Describe the floor plan of the operating room and surgical services.

e. Describe the environmental systems and controls within the operative environment.

f. State the proper ranges for temperature and humidity controls.

g. Describe the various components of the operating room ventilation system.

h. Describe the principles of environmental safety controls and guidelines.

i. Discuss the potential hazards in the operating room environment.

j. Discuss latex sensitivity and allergies.

6. Identify the requirements and expectations of the surgical technology program.
   a. Articulate the program requirements for surgical technology.
   b. Summarize the expectations of students in the surgical technology program.

7. Explain the importance of material safety sheets in a health care setting.
   a. Identify safety signs, symbols, and labels.
   b. Differentiate between standard precautions and universal precautions.

Affective

8. Demonstrate the qualities of communication
   a. Apply active listening skills.
   b. Use appropriate body language and other non-verbal skills in communicating with other staff members.

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Big Ideas and Essential Questions

Big Ideas

- Ethics, values
- Scope of practice
- Safety
- Professionalism
- Work environment
- Overview of the surgical tech program and expectations

Essential Questions

1. Why does safety play a role in the surgical technology environment?
2. How do ethics and values impact surgical technology?
3. How does the scope of practice influence my job as a surgical technologist?
4. How is professionalism in surgical technology important?
5. How does the work environment impact the surgical technologist?
6. How do the surgical technology program requirements and expectations affect me?

These SLOs are not approved for experiential credit.

Effective: Summer 2018