

Macomb Community College Surgical Technology Program

Program Goals

1. To provide an environment where persons attending Macomb Community College are free of unlawful discrimination or harassment on the basis of race, gender, sexual orientation, age, height, weight, disability, color, religion, creed, national origin or ancestry, marital status, familial status, veteran status, or any other characteristic protected by state or federal law. (Affective)
2. To provide a supportive environment which will enhance students' knowledge and will facilitate and increase self-motivation. To encourage learners to always seek opportunities for obtaining additional knowledge and information to maintain employment in an evolving technology. (Cognitive, Affective)
3. To provide Surgical Technology theory and clinical practice to incorporate didactic learning with hands-on experience in order to provide the skills necessary to function as a critical member of the surgical team. (Cognitive, Psychomotor)
4. To provide programmatic options for students pursuing a career in the surgical setting. (Cognitive)
5. To provide awareness of techniques critical for ensuring the safety of the surgical patient in the preoperative, intraoperative and postoperative phases. (Cognitive, Psychomotor, Affective)
6. To instill an awareness and understanding of asepsis and aseptic technique. (Cognitive, Psychomotor, Affective)
7. To formulate and maintain mutually beneficial clinical practicum partnerships with local healthcare facilities, including hospitals and ambulatory surgical centers (ASC's) where students will have the opportunity to develop technical skills learned in the laboratory setting. (Psychomotor)
8. To provide students with an understanding of legal, ethical and other regulatory requirements associated with the healthcare environment. (Cognitive, Affective)
9. To provide the didactic knowledge of specific surgical procedures so students will be able to function as a vital member of a surgical team. (Cognitive)
10. To provide students the opportunity to utilize the specific instrumentation and equipment located in a standard operating room so they will be able to properly operate and troubleshoot the equipment and instrumentation. (Cognitive, Psychomotor)
11. To form partnerships that will facilitate the transfer of students, who desire to further their education, to senior colleges and universities. (Cognitive)
12. To encourage students in a variety of community services and program activities that will foster personal growth, cultural enrichment, and provide benefit to their communities. (Affective)
13. To prepare students to satisfactorily perform on National Certification Examinations. (Cognitive)

Program Outcomes

1. Students will be able to describe critical components of surgical specialty procedures. (Cognitive)
2. Students will be able to describe critical components of surgical pharmacology. (Cognitive)
3. Students will be able to consistently demonstrate the appropriate use of aseptic technique. (Psychomotor, Affective)
4. Students will be able to consistently, and competently, perform the tasks required of a Surgical Technologist in the Scrub Role (STSR). (Psychomotor)
5. Students will be able to demonstrate in the college laboratory setting the responsibilities of a Surgical Technologist in the Circulator Role (STCR). (Psychomotor)
6. Students will be able to describe the primary responsibilities of the Surgical Technologist in the First Assistant Role (STSA). (Cognitive)
7. Students will consistently demonstrate the ability to set-up and maintain surgical fields, prepare surgical instrumentation, assemble and troubleshoot surgical equipment, identify and prepare medication, identify and prepare suture materials and wound dressings, and identify and correct breaks in aseptic technique. (Cognitive, Psychomotor, Affective)
8. Students will be able to employ critical-thinking skills and problem-solving skills. (Cognitive, Affective)
9. Students will demonstrate and employ a surgical conscience related to moral, legal and ethical issues. (Affective, Cognitive)
10. Students will be able to demonstrate safe surgical patient care in all actions. (Cognitive, Psychomotor, Affective)