

El Paso Community College
Syllabus
Part II
Official Course Description

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| SUBJECT AREA: | <u>Surgical Technology</u> |
| COURSE RUBRIC AND NUMBER: | <u>SRGT 2561</u> |
| COURSE TITLE: | <u>Clinical – Surgical</u> <u>Technology/Technologist II</u> |
| COURSE CREDIT HOURS: | <u>5 0 : 24</u> Credits Lec Lab |

I. Catalog Description

A health-related work-based learning experience that enables the student to apply specialized occupational theory, skills, and concepts. Direct supervision is provided by the clinical professional. A grade of "C" or better is required in this course to take the next course. **Prerequisites: SRGT 1244 and SRGT 1541 and SRGT 2560. Corequisite: SRGT 1542. (0:24). Professional Practice Insurance required.**

II. Course Objectives

Upon satisfactory completion of this course at The Hospitals of Providence - Sierra Campus, The Hospitals of Providence – Providence Memorial Campus, University Medical Center, and El Paso Specialty Hospital, the student will be able to:

- A. Demonstrate skill/proficiency in the role as first scrub technologist in General and Specialty procedures. Criteria for meeting the requirements of the FIRST SCRUB role include:
 - Verify supplies and equipment needed for the surgical procedure.
 - Set up the sterile field with instruments, supplies, equipment, medication (s) and solutions needed for the procedure.
 - Perform counts with the circulator prior to the procedure and before the incision is closed.
 - Maintain sterile technique as measured by recognized breaks in technique and demonstrate knowledge of how to correct with appropriate technique.
- B. Apply the concepts and knowledge acquired to advanced General and Specialty procedures by exposure in the role of SECOND SCRUB technologist. The second scrub is defined as the student who is at the sterile field who has not met all criteria for the first scrub role, but actively participates in the surgical procedure in its entirety by completing any of the following:
 - Sponging
 - Suctioning
 - Cutting suture
 - Holding retractors
 - Manipulating endoscopic camera
- C. Utilize the concepts and knowledge of surgical sequence and instrumentation to anticipate the needs of the surgeon and other members of the surgical team whether participating in the first scrub or second scrub role.
- D. Provide assistance to the circulating nurse as indicated when not in a scrub role.

- E. Implement the ethical, moral and legal responsibilities of the surgical technologist. With regard to the surgical team and to the patient to provide optimum care in the surgical environment.
- F. Perform clinical duties in a professional manner.
- G. Enter the work environment with entry level surgical technology skills.

III. THECB Learning Outcomes (WECM)

As outlined in the learning plan, apply the theory, concepts, and skills involving specialized materials, tools, equipment, procedures, regulations, laws, and interactions within and among political, economic, environmental, social, and legal systems associated with the occupation and the business/industry and will demonstrate legal and ethical behavior, safety practices, interpersonal and teamwork skills, and appropriate written and verbal communication skills using the terminology of the occupation and the business/industry

IV. Evaluation

A. Preassessment

The student must have completed SRGT 1244, SRGT 1441, and SRGT 2460 with a grade of “C” or above.

B. Postassessment

1. Students will complete a comprehensive case analysis for selected surgical procedures. Instructors will assign case analyses during rotations at the Sierra and Memorial Campuses. Students will select one (1) procedures from their rotation experience at the other two facilities. A **total joint procedure (hip or knee)** will be required during the rotation at **El Paso Specialty Hospital**. A **neurosurgical (cranial or spinal) procedure or a unique/unusual orthopedic or trauma procedure** will be required during the rotation at **University Medical Center**.

A total of four (4) comprehensive case analyses will be completed during the semester.

2. Assessment of clinical effectiveness (i.e. work habits, attitude/behavior) of the student will be performed at UMC and EPSH by OR personnel. This will focus on the student’s employability and the transition into professional behavior from the student role.
3. Students are allowed a maximum three (3) absences for the semester. Two (2) points will be deducted from the semester average per each additional absence. Nine (9) or more absences will result in failure of the course.
4. Informal assessments will be conducted continually during the clinical experience. These assessments will be reviewed with the student to determine adequacy of performance and to identify areas where improvement is needed. These assessments are not graded.
5. Clinical Performance Check Lists will be completed by surgical staff members for every case in which the student scrubs and completes the case. The completed check lists will be collected by faculty and recorded for purposes of documentation of clinical case requirements for the maintenance of programmatic accreditation.
6. Weekly Case Logs will be completed and STAPLED to check lists (as outlined in #4 above) for correlation and tracking. These will be placed in a folder and left in the student’s basket in class on Monday mornings before class.
7. Oral presentations on contemporary issues in medicine will be presented for Peer Teaching purposes during clinical rotations. Presentations will follow an information format and be graded based on a presentation rubric. Dates of presentations will be determined as schedule permits.

Topics covered may include, but are not limited to:

- All-hazards preparation (including Ebola and other microbiological outbreaks)
- Bioterrorism and mass casualty events (natural or man-made)

- Emergence and impact of community acquired diseases (TB, MRSA, and others)
- Organ/tissue procurement and transplantation (types, criteria, legal/ethical issues)
- Realizing the potential of your credential (laws in Texas, career opportunities)
- Robotically-assisted surgery (including types, surgical specialties, training, criteria)
- Sentinel events – what they are and why they matter (examples, reporting, prevention)
- Trauma center designation criteria and trauma surgery considerations (local, global)
- Violence or other inappropriate behaviors in the workplace (types, prevention, reporting)
- Weight loss surgery procedures for morbid obesity (selection criteria, types, outcomes)

8. Students will be required to sign in and out while at University Medical Center and El Paso Specialty Hospital. Failure of the student to comply with this institutional procedure could result in the loss of the program’s clinical affiliation with the hospital. Failure to comply will result in the student’s removal from the clinical site and potential failing grade for the course.
9. Students will be required to participate in community service events during the semester. These may include Career Days, Science Fair judging, or community outreach projects. When event (s) fall outside of normal class/clinical times, participation will be on a voluntary basis. Those scheduled during class/clinical times will be considered mandatory.

C. Remediation

Remediation will be based upon identified weak areas in the clinical setting using the criteria specified in the objectives. If a deficient area is identified:

1. The student will be counseled by the clinical instructor as to the deficient area and will be given specific recommendations for improvement.
2. It is the student’s responsibility to seek additional assistance from the instructor or staff members.
3. Absences in excess of the allowed three (3) per semester may require the student to apply for a “W” (withdrawal) or an “I” (Incomplete) prior to reaching a total of nine (9) which would result in a failure of the course. Circumstances of this type should be discussed with faculty or the program director to establish the best course of action.
4. Failure to improve and meet minimum standards of 77% will place the student in jeopardy of being dismissed from the program.

D. Grading

1. Grading for the course will be based on comprehensive case analyses, clinical effectiveness evaluations, clinical performance check-lists/weekly case logs, peer teaching/oral presentations, and institutional procedure compliance.
2. The clinical semester grades are weighted as follows:

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| Comprehensive Case Analyses (x4) | = | 45% |
| Clinical Effectiveness Evaluations (x2) | = | 20% |
| Clinical Performance Check-Lists/Weekly Logs | = | 5% |
| Peer Teaching/Oral Presentations | = | 25% |
| Community Service Projects | = | 5% |
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| Total | = | 100% |

3. Grading scale
 - A = 93 – 100
 - B = 85 – 92
 - C = 77 – 84
 - D = 70 – 76
4. Grades are rounded.
5. SRGT 2461 must be completed with a minimum of 77% (a grade of “C”).

V. Disability Statement (Americans with/Disabilities Act [ADA])

EPCC offers a variety of services to persons with documented sensory, mental, physical, or temporary disabling conditions to promote success in classes. If you have a disability and believe you may need services, you are encouraged to contact the Center for Students with Disabilities to discuss your needs with a counselor. All discussions and documentation are kept confidential. Offices located: VV Rm C-112, (831-2426); TM Rm 1400 (831-5808); RG Rm B-201 (831-4198); NWC Rm M-54 (831-8815); and MDP Rm A-125 (831-7024).

VI. 6 Drop Rule

Students who began attending Texas public institutions of higher education for the first time during the Fall 2007 semester or later are subject to a 6-Drop limit for all undergraduate classes. Developmental, ESL, Dual Credit and Early College High School classes are exempt from this rule. All students should consult with their instructor before dropping a class. Academic assistance is available. Students are encouraged to see Counseling Services if dropping because exemptions may apply. Refer to the EPCC catalog and website for additional information.

VII. Title IX and Sex Discrimination

Title 9 (20 U.S.C. 1681 & 34 C.F.R. Part 106) states the following "No person in the United States shall, on the basis of sex, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any educational program or activity receiving Federal financial assistance." The Violence Against Women Act (VAWA) prohibits stalking, date violence, sexual violence, and domestic violence for all students, employees and visitors (male and female). If you have any concerns related to discrimination, harassment, or assault (of any type) you can contact the Assistant to the Vice President for Student and Enrollment Services at 915-831-2655. Employees can call the Manager of Employee Relations at 915-831-6458. Reports of sexual assault/violence may also be reported to EPCC Police at 915-831-2200.