

HOUSTON COMMUNITY COLLEGE SYSTEM

SURGICAL TECHNOLOGY PROGRAM

CLINICAL-SURGICAL OPERATING ROOM II

SRGT 1463 CRN #80745 SPRING 2011

COURSE SYLLABUS

Instructor : Shaune Stafford-Garcia

CATALOG DESCRIPTION

CLINICAL-SURGICAL OPERATING ROOM II

SRGT 1463. This course provides an opportunity to learn the role of scrubbing in surgical specialties to be assigned this semester. Acting as a scrub person he/she handles the instruments, supplies and equipment used during a surgical procedure. The learner may also learn the role of circulating by assisting the circulator in monitoring and assessing the needs of the patient and the surgical team. Students begin assigned rotation in designated surgical specialties such as general, obstetrics, and gynecology, ophthalmology otorhinolaryngology, plastic surgery, urology, orthopedics, neuro, thoracic and cardiovascular surgery. Supervised clinical practice in affiliated institutions emphasizes the correlation of theory to practice in an actual perioperative setting and allows an opportunity to apply skills learned.

PREREQUISITE SURT 1441 OR CONCURRENTLY ENROLLED IN IT.

Credit: 4 Semester Hours (18 Laboratory Hours)

PURPOSE AND RATIONALE

The purpose of this course is to continue introducing the student to the whole concept of functioning in the role of a scrub person or assisting in the circulating role. The scrub role concept includes understanding the surgical procedure being performed; gathering and preparing the room with the necessary instruments, supplies and equipment; and functioning in the actual scrub role in all assigned surgical procedures. The laboratory practice in an actual clinical environment will allow the learner an opportunity to scrub, gown and glove and function as a member of the surgical team in a sterile environment. As the learner begins the scrubbing assignment in each surgical specialty he/she double scrubs (scrubs with hospital personnel assigned to procedure); student may assume first scrub position as confidence, dexterity and knowledge of the role is acquired. While learning the concept of circulating the student may assist the circulators in preparing the patient; obtaining, opening and preparing the room with the necessary instruments, equipment and supplies; assessing and monitoring the needs of the patient and the surgical team throughout the procedure and providing additional items as necessary. Affiliating institution assigns a liaison clinical instructor.

ADA CONSIDERATIONS:

The Houston Community College System does not discriminate on the basis of disability in the recruitment and admission of students or the operation of any of its programs and activities. The designated office for compliance with the Americans with Disabilities Act (ADA) and Section 504 of the Rehabilitation Act of 1973 is the HCCS Access and Equity office at 713-718-8606. In order to serve you better, Disability Support Services Counselors (DSSC) recommend that you meet with them at least 60 days prior to the beginning of the term. Qualifying individuals under the Americans with Disabilities Act (ADA) guidelines who require reasonable accommodations should report to the ADA counselor at the campus within the first week of the start of the semester. If the course instructor believes you can benefit from ADA counseling, after informing you, he/she may refer you to the ADA office or inform the ADA office. Students must have had recent contact with the ADA office and documented ADA support for reasonable accommodations to occur in the course.

SCAN SKILLS- SECRETARY'S COMMISSION ON ACHIEVING NECESSARY SKILLS

SCAN SKILLS

In 1988, the American Society for training and development conducted a study with the U.S. Department of Labor to identify skills that employers want to see in entry level employees. This course incorporates the following SCAN competencies: Interpersonal, Information, Systems, Technology, Basic Skills, Thinking Skills and Personal Quantities.

I. Resources: the student will:

Time: Review the class agenda and test schedule and prepare a study schedule that allows them to study consistently in preparation for each test.

II. Interpersonal: the student will:

Participates as Member of a Team:

Form study groups and show up at appointed times to study with the group.

Works With Diversity:

Study with fellow students regardless of sexual orientation, race, Religion, or gender.

III. Information: the student will:

Use Computers to Process Information:

Take lecture notes from computer generated class presentations.

Use computers to process information:

Download class syllabus, course supplements and other information from the program web page and Internet.

VI. Basic Skills: the student will:

Listening:

Receive the lecture, presentation material and record this information in proper note-taking format

Speaking:

Properly phrase questions and responses during class

Reading:

Complete reading assignments according to the syllabus.

Writing:

Complete written assignments.

VII. Thinking Skills: the student will:

Creative Skills:

Adapt basic positions to non-routine positions when called for during practical exams.

Decision Making:

Determine the appropriate sequencing of multiple procedures.

Seeing Thing in the Mind I s Eye:

Be able to conceptualize how the internal body part will look when the body is manipulated

VIII. Personal Qualities: the student will:

Responsibility:

Follow the Program Student Handbook code of ethics and the AST scope of practice.

Sociability:

Work as a part of the class in study and practical situations.

Self-Management:

Determine how long the semester is, how many tests and practical exams they have and how to quantify their time to be prepared for all of it.

Integrity/honesty:

Sign-in/Sign out only for self, not cheat on practical or written exams, bring personal mistakes to the attention of the instructor.

COURSE GOALS

Student will be able to double scrub for procedures within the surgical specialty he/she has been assigned a rotation in and learn to assist the surgeon, while maintaining a safe patient centered environment. Student will begin to transfer to a first scrub position.

SCRUBBING ROLE

As the learner begins scrubbing assignments, learner will double scrub with hospital personnel until immediate supervisor, instructor, and learner are confident that he/she may scrub alone. In the scrub role the student will be able to describe the complete procedures and:

1. Assist with the preparation of the room for the designated surgical procedure (includes gathering supplies for procedure)
2. Scrub, dry hands, gown, and glove.
3. Assist person scrubbed in first position with:
 - a. setting up back table, mayo, and basins
 - b. arrangement of instruments
 - c. preparation of suture and needles
 - d. preparation and counting sponges
 - e. arrangement and preparation *of* other necessary items
 - f. gowning and gloving surgeon and assistants
 - g. assist with draping
 - h. arrangement of sterile field
4. During the procedure, progress from double-scrubbed position. Train self to keep eyes on field, and learn steps of procedure. Begin developing methods of anticipating needs of surgeon and assistant.

5. Towards completion of procedure:
 - a. assist with care of instruments and counts if necessary
 - b. care of specimen
 - c. assist with dressing of wound

6. At the completion of the procedure:
 - a. assist with the gathering of all materials used during the procedure
 - b. discard items as necessary being careful to discard sharp items in designated places
 - c. return all items to respective areas
 - d. assist with cleaning of room

7. Perform any duties, which will expedite the surgical procedure to follow in that room

ASSISTING WITH CIRCULATING ROLE

As the learner begins a circulating assignment, student will assist the circulating nurse in the operating room and may do the following, depending on the policy of the institution.

1. Care for the patient before surgery by:
 - a. greeting patient and assist nurse with identification.
 - b. checking patient's chart, prep, etc.

2. Prepare the room by:
 - a. obtaining instruments, supplies and equipment for the designated surgical procedure.
 - b. opening sterile supplies and sterilizing items as needed.
 - c. assisting in gowning.
 - d. observing breaks in sterile technique.
 - e. assisting anesthesiologist as necessary
 - f. assisting with skin preparation, positioning.

3. During the procedure:
 - a. remain in room and dispense materials as necessary.
 - b. observe procedure as closely as possible.
 - c. begin establishing method of anticipating needs of surgical team.
 - d. care of specimen as indicated.
 - e. care of operative records as indicated.
 - f. assist with application of dressings.

COURSE REQUIREMENTS

This course will require that the student review the anatomy and physiology which relates to the surgical specialties he/she is assigned to and to read the material pertaining to surgical procedures he/she is assigned to scrub in. It is expected that the student will:

- *Check daily assignments prior to actual performance and preparing for assigned procedures.

- *Complete weekly specialty assignments and objectives for the assigned surgical specialty (submit in writing).

- *Scrub and/or circulate for all assigned procedures.

*Assist with general preparation for all procedures.

*Complete any given assignment within the role of the learner.

Successful completion of this course is determined by the student's ability to scrub and/or assist in circulating in a safe, satisfactory manner as indicated by the performance evaluation in clinical practice; and by the completion of the objectives for the assigned specialty at the end of each rotation. Submission of weekly assignments and completion of any other projects.

REQUIRED TEXT

Surgical Technology Principals and Practice, Saunders/Elsevier, Fuller, Latest Edition.
Pocket Guide to the Operating Room, Goldman, F.A. Davis, Latest Edition.

RECOMMENDED TEXT

Rothrock, Jane et al, Alexander's Care of the Patient in Surgery. C.V. Mosby, latest Edition.

PRESENTATION OF COURSE MATERIALS

The syllabi, objectives, surgical specialty assignments, and performance evaluations will be presented at the beginning of the course and reviewed periodically and/or as necessary with the individual student or with a group of students.

ATTENDANCE POLICY

This course meets three (3) days a week for eight (8) hours a day in a clinical (laboratory) setting. Students must telephone their assigned institution and page their Clinical Instructor prior to 6:30am when absent and/or tardy.

Students who are absent from clinical three (3) or more time may be administratively withdraw form the course. Arrival in clinical setting up to 29 minutes after the assigned time is considered tardy. Three (3) tardies equal one (1) absence. Students who are tardy more than 30 minutes are counted absent. An incomplete ("I") will be given for the course until each absence is made-up.

ASSIGNMENT OF GRADE

		Grading Scale
Web CT Participation	5%	100-90 = A
Attendance	10%	89-80 = B
Instructor Evaluation	45%	79-70 = C
Papers	30%	69-60 = D
Preceptor Evaluation	10%	59-0 = F

Percentiles are derived from the total number of assignments submitted and form the total number of evaluations completed.

A grade of C must be maintained in order to remain in the course.

Conference time is scheduled for each instructor. Please make an appointment with the respective instructors when you desire and/or need specific conference time. If problems occur in the clinical area

and/or evaluations need to be reviewed with the affiliated facility personnel, please notify instructor of time and places.

Task #1

Demonstrate ability to function as a scrubbed member of the surgical team during the assigned surgical specialty/specialties.

Objectives - In the clinical (laboratory) setting with 90% accuracy, the student will be able to:

1. Assist with the preparation of the room for
2. Scrub, dry, gown and glove
3. Assist person scrubbed in first position with:
 - a. setting up case: back table, mayo & basins
 - b. arrangement of instruments
 - c. preparation of sutures and needles
 - d. preparation and counting of sponges
 - e. arrangement and preparation of other necessary items
 - f. gowning and gloving surgeon & assistants
 - g. assist with draping
 - h. arrangement of sterile field
4. During the procedure progress from double-scrubbed position to **first** scrubbed position. Train self to keep eyes on field, and learn steps of procedure. Begin developing methods of anticipating needs of surgeon and assistant
5. Towards completion of procedure:
 - a. assist with the care of instrumentation and counts
 - b. care of specimen
 - c. assist with dressing of wound
6. Completion of case:
 - a. assist with the gathering of all materials used during the procedure.
 - b. discard items as necessary being careful to discard sharp items in designated places.
 - c. return all items to respective areas.
 - d. assist with cleaning of room.
7. Perform any duties, which will expedite the following procedure

Task #2

Demonstrate ability to assist the circulating nurse in the operating room.

Objectives- In the clinical (laboratory) setting with 90% accuracy the student will be able to assist the circulating nurse in the operating room and may do the following – depending on the policy of the institution:

1. Caring for the patient before surgery:
 - a. Greet patient and assist nurse with identification.
 - b. Check patient's chart, prep, etc.

2. In preparation of the operating room:
 - a. assist with the preparation of the room for the designated operative procedure.
 - b. obtain and open sterile supplies and sterilize items as needed.
 - c. assist in gowning.
 - d. observe for breaks in sterile technique.
 - e. assist anesthesiologist as necessary.
 - f. assist with skin preparation, positioning.
 - g. assist with forming of the sterile field.

3. Duties during procedure:
 - a. remain in room and dispense materials as necessary.
 - b. observe procedure as closely as possible.
 - c. begin establishing method of anticipating needs.
 - d. care of specimen as indicated.
 - e. care of operative records as indicated.
 - f. assist with application of dressings.

Task #3

Demonstrate ability to function as a scrubbed member of the surgical team during GENERAL SURGERY procedures.

Objectives - The learner will be able to answer written and verbal questions with 90 % accuracy pertaining to:

1. Anatomy and physiology associated with general surgery.
2. Specific general surgery procedures he/she is assigned to scrub for.
3. Specific general surgery instruments.

Objectives - The learner will be able to identify, demonstrate method for assembling and disassembling, sterilizing, cooling, storing and decontaminating the following instruments with 90 % accuracy.

1. Gallbladder instruments.
2. Gastrointestinal instruments
3. Endoscopy instruments.
4. Thyroid instruments.
5. Rectal instruments.
6. Tracheotomy instruments.

Objectives - Using a surgeon's preference card and/or other hospital guideline select the following with 100% accuracy for the procedure assigned to:

1. Instruments and equipment.
2. Sutures and needles
3. Linen packs, gowns, gloves
4. Accessory supplies
5. Medications
6. Dressings & drains.

Objectives - When double scrubbed demonstrate ability to scrub for any procedure(s) assigned to, especially the following with 85 % accuracy as he/she progresses to the first scrub position:

1. Laparotomy
2. Appendectomy
3. Herniorrhaphy
4. Thyroidectomy
5. Bowel Resection
6. Breast Biopsy
7. Mastectomy
8. Cholecystectomy
9. Gastrectomy
10. Hemorrhoidectomy
11. Vein-Ligation/Stripping

Objectives - At the completion of the rotation be able to prepare for and first scrub for the following surgical procedures with 90% accuracy:

1. Exploratory Laparotomy
2. Herniorrhaphy
3. Cholecystectomy
4. Bowel Resection
5. Breast Biopsy
6. Mastectomy
7. Thyroidectomy
8. Hemorrhoidectomy

Objectives - Upon completion of the rotation be able to identify medications commonly used in general surgery and with 100 % accuracy.

1. Describe method of preparation.
2. State the mode of administration.
3. Describe the method of labeling medication on the sterile field.

Task #4

Demonstrate ability to function as a scrubbed member of the surgical team during GYNECOLOGICAL surgical procedures.

Objectives - The learner will be able to answer written and verbal questions with 90 % accuracy pertaining to:

1. Anatomy and physiology associated with gynecology.
2. Specific gynecological procedures he/she is assigned to scrub for.
3. Specific gynecological instruments.

Objectives - The learner will be able to identify, demonstrate method for assembling and disassembling, sterilizing, cooling, storing and decontaminating the following instruments with 90 % accuracy.

1. D & C Instruments.
2. C-section instruments.
3. Laparoscope.
4. Hysterectomy instruments.

Objectives - Using a surgeon's preference card and/or other hospital guidelines select the following with 100% accuracy for the procedure assigned to:

1. Instruments and equipment.
2. Sutures and needles.
3. Linen packs, gowns, gloves.
4. Accessory supplies
5. Medications
6. Dressings & drains.

Objectives - When double scrubbed demonstrate ability to scrub for any procedure(s) assigned to, especially the following, with 85 % accuracy as he/she progresses to the first scrub position:

1. Laparoscopy
2. D&C
3. A & P Repair
4. Hysterectomy (abd and vag)
5. Salpingo-oophorectomy
6. Tubal ligation
7. C-Section
8. Vaginal delivery

Objectives - At the completion of the rotation be able to prepare for and first scrub for the following surgical procedures with 90% accuracy:

1. Hysterectomy (abd. & vag.)
2. Salpingo-oophorectomy
3. D & C
4. A & P repair
5. C-Section
6. Vaginal delivery
7. Laparoscopy

Objectives - Upon completion of the rotation be able to identify medications commonly used in general surgery and with 100% accuracy:

1. Describe method of preparation
2. State the mode of administration
3. Describe the method of labeling medication on the sterile field

Task #5

Demonstrate ability to function as a scrubbed member of the surgical team during GENITOURINARY surgical procedures.

Objectives - The learner will be able to answer written and verbal questions with 90 % accuracy pertaining to:

1. Anatomy and physiology associated with G. U.
2. Specific G. U. procedures he/she is assigned to scrub for
3. Specific G. U. instruments

Objectives - The learner will be able to identify, demonstrate method for assembling and disassembling, sterilizing, cooling, storing and decontaminating the following instruments with 90% accuracy:

1. Cystoscopy instruments
2. Resectoscopes and accessory instruments
3. G. U. instruments

Objectives - Using a surgeon's preference card and/or other hospital guidelines select the following with 100% accuracy for the procedure assigned to:

- | | |
|-------------------------------|-----------------------|
| 1. Instruments and equipment | 4. Accessory supplies |
| 2. Sutures and needles | 5. Medications |
| 3. Linen packs, gowns, gloves | 6. Dressings & drains |

Objectives - When double-scrubbed demonstrate ability to scrub for any procedure assigned to, especially the following with 85 % accuracy as he/she progresses to the first scrub position:

- | | |
|-----------------|----------------------|
| 1. Cystoscopy | 4. Nephrectomy |
| 2. Circumcision | 5. Orchiectomy |
| 3. TURP | 6. Penile Prosthesis |

Objectives - At the completion of the rotation be able to prepare for and first scrub for the following surgical procedures with 90% accuracy:

1. Cystoscopy
2. TURP
3. Circumcision
4. Nephrectomy

Objective – Upon completion of the rotation be able to identify medications commonly used in general surgery and with 100% accuracy:

1. Describe method of preparation
2. State the mode of administration
3. Describe the method of labeling medication on the sterile field

Task #6

Demonstrate ability to function as a scrubbed member of the surgical team during OPHTHALMIC Surgical procedures.

Objectives - The learner will be able to answer written and verbal questions with 90 % accuracy pertaining to:

1. Anatomy and physiology associated with the eye
2. Specific Ophthalmic procedures he/she is assigned to scrub for
3. Specific eye instruments

Objectives - The learner will be able to identify, demonstrate method for assembling and disassembling, sterilizing, cooling, storing and decontaminating the following instruments with 90 % accuracy:

1. Microscope
2. Eye Instruments
3. Ophthalmoscope
4. Tenometer

Objectives - Using a surgeon's preference card and/or other hospital guideline select the following with 100% accuracy for the procedure assigned to:

1. Instruments and equipment
2. Sutures and needles
3. Linen packs, gowns, gloves
4. Accessory supplies
5. Medications
6. Dressings & drains

Objectives - At the completion of the rotation be able to prepare for and first scrub for the following surgical procedures with 90% accuracy:

1. Cataract extraction
2. Muscle surgery

Objective- When double-scrubbed, demonstrate ability to scrub for any procedure(s) assigned to, especially the following with 85 % accuracy as he/she progresses to the first scrub position:

1. Cataract extraction
2. Muscle procedures
3. Enucleation
4. Evisceration
5. Scleral buckling

Objective- Upon completion of the rotation be able to identify medications commonly used in general surgery and with 100% accuracy:

1. Describe method of preparation
2. State the mode of administration
3. Describe the method of labeling medication on the sterile field

Task #7

Demonstrate ability to function as a scrubbed member of the surgical team during OTORHINOLARYNGOLOGY surgical procedures.

Objectives - The learner will be able to answer written and verbal questions with 90 % accuracy, pertaining to:

1. Anatomy and physiology associated with the ear, nose and throat.
2. Specific ENT procedures he/she is assigned to scrub for.
3. Specific ENT instruments.

Objectives - The learner will be able to identify, demonstrate method for assembling and disassembling, sterilizing, cooling, storing and decontaminating the following instruments with 90% accuracy:

1. Microscope
2. ENT instruments
3. Air power instruments such as drill and saw
4. Prosthesis

Objectives - Using a surgeon's preference card and/or other hospital guideline select the following with 100% accuracy for the procedure assigned to:

1. Instruments and equipment
2. Sutures and needles
3. Linen packs, gowns, gloves
4. Accessory supplies
5. Medications
6. Dressings & drains

Objectives - When double scrubbed demonstrate ability to scrub for any procedure(s) assigned to especially the following with 85 % accuracy as he/she progresses to the first scrub position:

1. T&A
2. Myringotomy
3. Mastoidectomy
4. Stapedectomy
5. Tympanoplasty
6. Rhinoplasty
7. Radical Neck

Objectives - At the completion of the rotation be able to prepare for and first scrub for the following surgical procedures with 90% accuracy:

1. Myringotomy
2. T & A
3. Rhinoplasty
4. Radical Neck

Objective - Upon completion of the rotation be able to identify medications commonly used in ENT Surgery and with 100 % accuracy:

1. Describe method of preparation
2. State the mode of administration
3. Describe the modes of labeling medication on the sterile field.

Task #8

Demonstrate ability to function as a scrubbed member of the surgical team during PLASTIC COSMETIC/RECONSTRUCTIVE procedures.

Objectives - The learner will be able to answer written and verbal questions with 90 % accuracy pertaining to:

1. Anatomy and physiology associated with Plastic
2. Specific plastic procedures he/she is assigned to scrub for
3. Specific plastic surgery instruments

Objectives - The learner will be able to identify, demonstrate method for assembling and disassembling, sterilizing, cooling, storing and decontaminating the following instruments with 90% accuracy:

1. Dermatomes
2. Skin expanders
3. Air or electric drill
4. Dermabrader
5. Rhinoplasty instrument

Objectives - Using a surgeon's preference card and/or other hospital guideline, select the following with 100% accuracy for the procedure assigned to:

1. Instruments and equipment
2. Sutures and needles
3. Linen packs, gowns
4. Accessory supplies
5. Medications
6. Dressings & drains

Objectives - When double scrubbed demonstrate ability to scrub for any procedure(s) assigned to, especially the following with 85 % accuracy as he/she progresses to the first scrub position:

1. Rhinoplasty
2. Otoplasty
3. Blepharoplasty
4. Mammoplasty (Aug.& Red.)
5. Skin grafts
6. Exc. Skin Lesions
7. Rhytidectomy
8. Liposuction

Objectives - At the completion of the rotation be able to prepare for and first scrub for the following surgical procedures with 90% accuracy:

1. Scar revision
2. Excision of skin lesions
3. Rhytidectomy
4. Skin Grafts
5. Blepharoplasty
6. Mammoplasty

Objectives - Upon completion of the rotation be able to identify medication commonly used in plastic surgery and with 100 % accuracy:

1. Describe method of preparation
2. State the mode of administration
3. Describe the method of labeling medication on the sterile field

Task #9

Demonstrate ability to function as a scrubbed member of the surgical team during CARDIOVASCULAR procedures.

Objectives - The learner will be able to answer written and verbal questions with 90 % accuracy pertaining to:

1. Anatomy and physiology associated with C. V .
2. Specific C. V. procedures he/she is assigned to scrub for
3. Specific C. V. instruments

Objectives - The learner will be able to identify, demonstrate method for assembling and disassembling, sterilizing, cooling, storing and decontaminating the following instruments with 90 % accuracy:

1. Chest inst.
2. Endoscopy inst.
3. CV inst.
4. CV prosthesis (patches, valves, aortic grafts)
5. Sternotomy saw

Objectives - Using a surgeon's preference card and/or other hospital guideline select following with 100% accuracy for the procedure assigned to:

1. Instruments and equipment
2. Sutures and needles
3. Linen packs, gowns, gloves
4. Accessory supplies
5. Medication
6. Dressings & drains

Objectives - When double scrubbed demonstrate ability to scrub for any procedure(s) assigned to, especially the following with 85 % accuracy as he/she progresses to the first scrub position:

1. Coronary Artery By-Pass
2. Aneurysm-resection and repair
3. Application of valves
4. Thoracotomy

Objectives - At the completion of the rotation be able to prepare for the first scrub for the following surgical procedures with 90% accuracy:

1. Coronary Artery By-Pass
2. Thoracotomy

Objectives - Upon completion of the rotation be able to identify medications commonly used in cardiovascular surgery with 100 % accuracy:

1. Describe method of preparation
2. State the mode of administration
3. Describe the method of labeling medication on the sterile field .

Task #10

Demonstrate ability to function as a scrubbed team member during ORTHOPEDIC procedures.

Objectives - The learner will be able to answer written verbal questions with 90 % accuracy pertaining to:

1. Anatomy and physiology associated with Orthopedics.
2. Specific Orthopedic procedures he/she is assigned to scrub for.
3. Specific Orthopedic instruments.

Objectives - The learner will be able to identify, demonstrate method for assembling and disassembling, sterilizing, cooling, storing and decontaminating the following instruments with 90 % accuracy:

- | | |
|----------------------------|---------------|
| 1. Bone instruments | 3. Prosthesis |
| 2. Air-powered instruments | 4. Arthroscop |

Objectives - Using a surgeon's preference card and/or other hospital guideline select the following with 100% accuracy for the procedure assigned to:

- | | |
|-------------------------------|-----------------------|
| 1. Instruments and equipment | 4. Accessory supplies |
| 2. Sutures and needles | 5. Medications |
| 3. Linen packs, gowns, gloves | 6. Dressings & drains |

Objectives - When double scrubbed demonstrate ability to scrub for any procedure(s) assigned to, especially the following with 85 % accuracy as progressing to first scrub position:

- | | |
|-------------------------------|-----------------|
| 1. Arthroscopy | 5. Amputation |
| 2. Reduction of fractures | 6. Bone graft |
| 3. Laminectomy | 7. Bunionectomy |
| 4. Total replacement of joint | |

Objectives - At the completion of the rotation be able to prepare for and first scrub for the following surgical procedures with 90 % accuracy:

1. Arthroscopy
2. Closed reduction of fracture with or without cast
3. Open reduction with internal fixation
4. Laminectomy

Objective - Upon completion of the rotation be able to identify medication commonly used in orthopedic surgery and with 100 % accuracy:

1. Describe method of preparation
2. State the mode of administration
3. Describe the method of labeling medication on the sterile field

Task #11

Demonstrate ability to function as a scrubbed member of the surgical team during NEUROLOGICAL surgical procedures.

Objectives - The learner will be able to answer written and verbal questions with 90 % accuracy pertaining to:

1. Anatomy and physiology associated with neurosurgery.
2. Specific neurosurgery procedures he/she is assigned to scrub for.
3. Specific neuro instruments

Objectives - The learner will be able to identify, demonstrate method for assembling and disassembling, sterilizing, cooling, storing and decontaminating the following instruments with 90% accuracy:

1. Neuro inst.
2. Craniotome, Drill, Saw
3. Clips
4. Prosthesis

Objectives - Using a surgeon's preference card and/or other hospital guidelines select the following with 100 % accuracy for the procedure assigned to:

- | | |
|-------------------------------|-----------------------|
| 1. Instruments and equipment | 4. Accessory supplies |
| 2. Sutures and needles | 5. Medications |
| 3. Linen packs, gowns, gloves | 6. Dressings & drains |

Objectives - When double scrubbed demonstrate ability to scrub for any procedure(s) assigned to, especially the following with 85 % accuracy as progressing to first scrub position:

1. Laminectomy
2. Craniotomy
3. A-V Shunt

Objectives - At the completion of the rotation be able to prepare for and first scrub for the following surgical procedures with 90% accuracy:

1. Laminectomy
2. Craniotomy

Objectives - Upon completion of the rotation be able to identify medications commonly used in general surgery and with 100% accuracy:

1. Describe method of preparation
2. State the mode of administration
3. Describe the method of labeling medication on the sterile field

**HOUSTON COMMUNITY COLLEGE
SURGICAL TECHNOLOGY PROGRAM**

SURGICAL CLINICAL I ASSIGNMENTS

1. Complete the Procedure Checklist for each assigned specialty and each procedure you scrubbed for. This sheet is a record that must be maintained in order to assist you with employment and interview references.
2. Complete two rotation papers on the computer as indicated per specialty.
3. Answer Objectives/Self-evaluations at the completion of each rotation.
4. Have evaluation forms completed and sealed as indicated and submit at the end of each rotation.

MUST TURN IN (in this order, please):

1. Procedure Checklist
2. Major Specialty paper
3. Minor Service Paper
4. Objectives/Self-evaluation
5. Evaluation

HEALTH CAREERS EDUCATION DIVISION
SURGICAL TECHNOLOGY PROGRAM
CLINICAL-SURGICAL OPERATING ROOM II
SRGT 1463

I, _____, hereby certify that I have read the course syllabus and I understand all the rules and regulations printed in this document and will adhere to these expectations. I have read the attendance policy and understand what is expected of me throughout the term of this course. I also understand the written work assignments and that the assignments are due at the end of each rotation. If the assignments are not turned in on the due date, there will be ten (10) points deducted only on the following week. No assignments will be accepted more than one week late.

Date: _____
_____ (Student Signature)

Social Security Number)

Date: _____
_____ (Instructor Signature)

**SURGICAL TECHNOLOGY PROGRAM
CLINICAL EVALUATION**

STUDENT: _____ DATE: _____

HOSPITAL: _____ SPECIALTY: _____

EVALUATE PERFORMANCE:

- 5 PERFORMS INDEPENDTLY -Without supervision
- 4 PERORMS INDEPENDTLY- With minimal supervision
- 3 SATISFACTORY PERORMANCE
- 2 SATISFACTORY PERFORMANCE- Needs improvement
- 1 UNSATISFACTORY- Not acceptable
- 0 UNSATISFACTORY

****Please provide comment for a score lower than a 3. ****

SCRUB ROLES:	5	4	3	2	1	0
1. Scrubs, gowns, and gloves according to hospital policy and procedure						
2. Assist with preparation of the back table						
3. Assists with preparation of the mayo						
4. Performs counts correctly at designated internals						
5. Gowns and gloves members of the surgical team:						
6. Maintains a sterile field						
7. Reports breaks in sterile technique and take corrective action						
8. Passes instrumentation and suture in a functional manner, demonstrates knowledge of instruments, keeps instruments clean						
9. Follows hospital policy and procedure in handling specimens						
10. Assists with cleaning and preparing room prior and following procedures						
11. Correctly handles and disposes of sharps						
12. Practice principles of universal precautions						
13. Assist with opening of supplies for case:						
a. checks pkg for integrity and shelf life						
b. opens sterile items without contaminating						
14. Drapes or assists with draping without contamination						
15. Identifies and labels solution/medications on back table according to hospital policy.						
16. Removes and disposes of soiled drapes, gown, and gloves appropriately.						
TEAM ROLE:	5	4	3	2	1	0
1. Utilizes preference card						
2. Assist with gathering supplies and equipment						
3. Assist in circulating as assigned by R.N.						
4. Assist in patient transportation						
5. Is aware of all breaks in aseptic technique						
6. Assist with cleaning of room and continuity of cases						

GENERAL QUALITIES:						
	5	4	3	2	1	0
1. Is punctual in arriving at assigned area						
2. Adhere to proper attire policies and procedures						
3. Utilizes time constructively						
4. Demonstrates initiative, dependability, and mature attitude						
5. Maintains communication with surgical team/communicate effectively						
6. Open to suggestion for improvements						
7. Notifies institution by appropriate means if tardy or absent						
8. Adapts to change in schedule and work assignments						

SIGNATURE OF EVALUATOR: _____

COMMENTS PLEASE: