

## **Practicum III (DMSO 2366)**



**Credit:** 3 semester credit hours

**Prerequisite/Co-requisite:** Passed DMSO 1267.

### **Course Description**

Practical, general workplace training supported by an individualized learning plan developed by the employer, college, and student.

### **Required Textbook and Materials**

SCAN - SDMS Education Foundation

### **Course Objectives (with SCANS skills documented)**

Upon completion of this course, the student will be able to:

1. 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. (SCANS: F1, F2, F3, F4, F5, F6, F10, F11, F12, C5, C11, C12, C18)
2. Demonstrates and evaluates patient needs and acoustic characteristics; selects, maintains, and adjusts equipment to provide optimal sonographic evaluation. (SCANS: C5, C11, F15, F17)
3. Identifies, evaluates, and provides quality examinations to all patients applying professional judgment and discretion. (SCANS: C5, C11, F15, F17)
4. Provides pertinent communication to the patient, significant others, and health care providers. (SCANS: C5, C11, F15, F17)

### **SCANS Skills and Competencies**

Beginning in the late 1980's, the U.S. Department of Labor Secretary's Commission on Achieving Necessary Skills (SCANS) conducted extensive research and interviews with business owners, union leaders, supervisors, and laborers in a wide variety of work settings to determine what knowledge workers needed in order to perform well on a job. In 1991 the Commission announced its findings in *What Work Requires in Schools*. In its research, the Commission determined that "workplace Know-how" consists of two elements: Foundation skills and workplace competencies. The three-part foundation skills and five-part workplace competences are further defined in the SCANS attachment.

## Course Outline

- a. Review of clinical forms
  1. Time sheets
  2. Log forms
  3. Calendars
  4. Evaluations
  5. Proficiencies
- b. New procedures/equipment
  1. Ultrasound equipment
  2. PACS
  3. Patient Worksheets
  4. Protocols
  5. Work area
- c. Practice live patient scanning
  1. Room set up
  2. Acquiring patient history
  3. Patient interaction
  4. Explaining procedure to Patient
  5. Proper equipment selection
  6. Image analysis
    - a. Images are Diagnostic
    - b. Proper annotation
    - c. Proper Anatomy
  7. Patient positioning
  8. Paperwork
  9. Discussion of findings
- d. Scanning patients for grades:
  1. Abdomen complete #1
  2. Abdomen complete #2
  3. Superficial structure #1
  4. Superficial structure #2
  5. Optional #1
  6. Optional #2
  7. OB or GYN #1
  8. OB or GYN #2
  9. Pick one (thoracentesis, paracentesis, physician guided procedure, breast, transvaginal)

## Grade Scale

- 93 – 100 A  
85 – 92 B  
75 – 84 C  
74- 70 D  
69-Below F

### **Course Evaluation**

1. Complete professional qualities proficiencies.
2. Complete scan proficiencies.
3. Complete exam challenges.
4. Midterm Clinical evaluation.
5. Final Clinical evaluation.

### **Course Requirements**

1. Students must perform a challenge (be graded) on procedures (exams) throughout the semester.
2. Two student evaluations (these forms are called Affective Domain and consists of three pages) from the clinical sites are required for the semester and are due by the dates listed on their calendar.
3. Complete Professional and Exam Proficiencies by the end of the semester.
4. Scan independently throughout the semester after appropriately practicing each procedure.

### **Grade Determination:**

Clinical Evaluations	20%
Professional qualities Proficiencies	20%
Clinical Challenges	35%
Exam Proficiencies	20%
Total # of exams	5%
<b>TOTAL</b>	<b>100%</b>

### **Course Policies**

1. Maintains clean work environment.
2. An unacceptable performance rating on the student clinical evaluation form or Affective Domain may result in clinical probation or expulsion.
3. Demonstrates concern for the patient's care, need, safety, and right to privacy.
4. Promotes a positive and collaborative atmosphere with other health care providers.
5. Late work will be accepted at the penalty of half value for each late day. Incomplete forms will not be accepted; must have supervisor signatures.
6. If a student exceeds 2 absences, one letter grade will be deducted from the final grade for each absence over the permitted number. The student is allowed 2 absences in a semester, with no other infractions, on the 3<sup>rd</sup> absence 1 letter grade will be deducted. On each subsequent absence another letter grade will be deducted. Example: if a student has an 'A' in clinic and 5 absences, the 5th absence would reduce his/her letter grade to an 'D'. The student will then be dropped from the program. All absences (after the first 2) must be made up at the end of the semester.
7. Arriving late for clinic or leaving clinic prior to the required time must be reflected on the clinical time sheet. Points will be deducted for each incidence of missed time that

is not made up (make up time must also be reflected on the clinical time sheet).  
Catastrophic events are reviewed on an individual basis.

8. In the event that LIT is forced to cancel classes due to inclement weather, DMSO/DSEAE classes and clinical rotations will also be cancelled. Notification of closures will be made through local radio and TV stations. Students out of the immediate broadcast area should contact the program Director for information.
9. How Clinic Attendance Is Recorded:  
Total hours for the week are calculated (Should add up to 24 hours a week). When a student is tardy, absent, leaves early or is unaccounted for, that time is deducted from the 24 hours for that week and must be made-up during the week or the missed time is counted toward the two excused absences. *For example: A student has the option of staying late in the afternoon if they were an hour late arriving to clinic that morning. But if the time is not made up day, or during that same week, the hour is deducted from the 16 hours of available excused time. The student now has 15 hours of available excused time.*

Final grade point reduction for hours (after 16) missed and/or not made up:

- 0-2 hours = 3 points
- 2-4 hours = 6 points
- 4-6 hours = 9 points
- 6-8 hours = 10 points

When absent from clinic, call LIT 839-2923 (you may leave a message) and the clinical site. Immediate letter grade drop if either is neglected. Missed time must be made up at the end of the semester or on LIT holidays. Make up days must be approved by the clinical site and the clinical coordinator.

### **Disabilities Statement**

The Americans with Disabilities Act of 1992 and Section 504 of the Rehabilitation Act of 1973 are federal anti-discrimination statutes that provide comprehensive civil rights for persons with disabilities. Among other things, these statutes require that all students with documented disabilities be guaranteed a learning environment that provides for reasonable accommodations for their disabilities. If you believe you have a disability requiring an accommodation, please contact the Special Populations Coordinator, Jamie Fox, at (409) 880-1737 or visit her office located in the Cecil Beeson Building, room 116B.

## Course Schedule

<b>Date</b>	<b>Topic / Event</b>	<b>References</b>
TBA	OB or GYN #1	Handout
TBA	Abdominal Complete #1	Handout
TBA	Superficial Structure #1	Handout
TBA	OPTIONAL Exam #1	Handout
TBA	Mid Term CLINICAL EVALUATION #1	Handout
TBA	<u>SCAN √ #1 (MIDTERM advisement</u>	SCAN book
TBA	Abdominal Complete #2	Handout
TBA	Superficial Structure #2	Handout
TBA	OB or GYN #2	Handout
TBA	OPTIONAL Exam #2	Handout
TBA	PICK ONE FROM THE FOLLOWING: Transvaginal, Testicular, Breast, or Physician-guided procedure (thoracentesis, paracentesis, biopsy).	Handout
TBA	<u>SCAN √ #2 (Final advisement)</u>	SCAN book
TBA	CLINICAL EVALUATION #2	Handout
TBA	SCAN PROFICIENCIES	SCAN book
TBA	Student Evaluation of Clinical Site	Handout

## Contact Information

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**Office hours:** Vary and by appointment