

RADR 1366 RADIOGRAPHIC PRACTICUM I

CLINICAL COURSE OBJECTIVES

This is an introductory course for the student entering the clinical facility for the first time. Students are introduced to the affiliate hospital with an orientation of emergency, fire, safety, and infection control procedures. To familiarize the student with the areas within the radiology department, initial rotations may include the office, patient transport, image and quality control area, and radiographic rooms. Students are then assigned to the various diagnostic areas for longer periods of time for the remainder of the semester. Students will be required to complete rotations to other affiliate sites. This course requires students to make standard radiographs under **direct supervision** of a qualified Radiologic Technologist. The course requires *24 hours/week* of clinical participation.

Text and Materials –

- RAD NOTES – A Pocket Guide to Radiographic Procedures by Rebecca Shoener
 - ISBN 9780803622746
- A computer with internet access
- Computers are available for student use in the :
 - Learning Lab TC 112
 - Media Center MPC 155

COURSE GOALS:

1. The student will demonstrate proper transportation of patients by wheelchair and stretcher.
2. The students will exhibit an understanding of the office procedures necessary to process and organize requested examinations.
3. The students will demonstrate knowledge of standard precautions when providing patient assistance and care.
4. The student will acquire the knowledge and skill necessary to process radiographs in the computed radiography reader and acquire the knowledge and skill necessary to perform basic operations of a digital radiography system.
5. The student will demonstrate the knowledge and communication skills necessary to obtain a complete patient history on a cooperative patient.
6. The student will exhibit an understanding of professional behavior and teamwork.

Under direct supervision:

7. The student will demonstrate decision making skills and show competency in the areas of:
 - a. patient identification with two patient identifiers
 - b. room care and preparation
 - c. selection of proper exposure factors with manual and automated exposure control
 - d. positioning of body parts
 - e. image receptor placement and identification
 - f. tube angulations and alignments
 - g. making an x-ray exposure on an image receptor
 - h. identification and selection of the correct patient on the worklist
 - i. time management

8. The student will demonstrate positioning skill, knowledge of protocols, exposure factors, radiation protection, and communication skills.
9. The student will be able to identify anatomy on a radiograph. This will be demonstrated as part of their task analysis and film critique lessons.
10. The student will work with a diverse population.
11. Four (4) written exams will be administered by the clinical instructor. These will include two (2) film critique assignments, one (1) syllabus quiz on Blackboard, and one (1) additional test at the discretion of the clinical instructor.

COURSE OBJECTIVES:

By the end of the semester the student will:

1. Successfully complete six (6) **Task Analyses**. The student will successfully complete two tasks from each of the categories listed below.
 - a. Chest (PA & Lat)
 - b. Abdomen or KUB
 - c. Upper and Lower Limbs

Part of the task analysis process is to monitor and correct their performance if repeat radiographs are required. These task analyses are at the discretion of your instructor and they may choose the examinations you are to perform. **A student may be given the opportunity to repeat 1 task analysis during the semester under the following conditions**

- Repeating the task analysis will change the student's letter grade for the semester
 - Repeating the task analysis will not prohibit another student from completing the required Task Analysis.
2. Receive at least two (2) **Clinical Behavior Reports** to evaluate affective behaviors needed by professionals such as: integrity, time management, sociability, and responsibility.
 3. Demonstrate critical thinking, problem solving and cognitive skills on four (4) **written tests**. Students will have at least two (2) film critique assignments, a syllabus quiz assigned in Blackboard to ensure they have read the clinical syllabus, and one (1) other test at the discretion of the clinical instructor.

GRADING SCALE:

43%	Task Analysis
43%	Clinical Behavior
14 %	Four (4) written tests including two (2) film critique tests, a syllabus quiz on Blackboard and one other clinic test.
95 - 100 =	A
87 - 94 =	B
80 - 86 =	C
70 - 79 =	D
0 - 69 =	F

A student who fails to successfully complete all six exams will receive an "I" (Incomplete) in the clinical course. An incomplete must be removed by the next long semester or the "I" will be recorded as an "F" and the student will be required to repeat the clinical course.

*****a minimum of 80% is required for successful completion of this course*****

No task analysis may be repeated after the date assigned by the instructor or after the last clinical behavior report.

CLINIC POLICIES

1. Identification badges must be worn at all times with name CLEARLY visible.
2. Students will abide by ALL LIT Radiology handbook policies.
3. Student's failure to abide by handbook policies may result in the clinical grade being lowered one full letter for each occurrence.

BLACKBOARD

This course is Web Enhanced. All students will be required to login to **BLACKBOARD once a week on Tuesday**, to check e-mail and complete assignments. Assignments will be posted throughout the semester. It is your responsibility to meet the deadlines.

Late work will not be accepted. If you are unable to meet a deadline in this course send an e-mail and we will discuss your options.

ATTENDANCE POLICY:

1. For students in the radiology program to acquire the necessary clinical competency outlined in our curriculum, it is necessary that students complete all assigned clinical hours. Therefore, students missing **any** clinical hours will be required to make-up time missed at the end of the semester. Time will be made-up after the last scheduled clinic day or at the discretion of the clinical instructor. Students not completing make up time before the grades are due for the semester, will receive an incomplete (I) in the clinical course.
2. Any absence while assigned to a specialty area or off-hour rotation will require the clinical instructor to adjust the clinical schedule to assure all students meet the accreditation guidelines. For example, a student missing a day when assigned to an evening shift will have one of the future clinical days changed to an evening shift. The schedule adjustments will be made by the clinical instructor at their discretion.

3. Students who have tardy time totaling at least one (1) hour will be required to make-up all the missed time at the end of the semester. When a student is tardy he/she will not be allowed to make-up the time that day. If a student leaves clinic early for any reason, it will be added to the total tardy time.
4. If a student is unable to arrive at clinic within one hour of their scheduled time they will not be allowed to attend clinic on that day.
5. Students who miss a total of 24 hours during a Fall or Spring semester or 21 hours in the Summer semester **will receive a warning with the Disciplinary Action Form (DAF). When a fourth day is missed a DAF will be filled out and the Student's clinical grade will be lowered one full letter grade. Each subsequent absence may result in dropping of a letter grade pending a review by department committee.**
6. Students who exhibit excessive tardiness will receive a warning with the DAF. Further tardies will result in disciplinary action which may include an attendance contract and/or lowering of the student's clinical grade.
7. Students who fail to follow proper call in procedures when unable to attend clinic will have their clinic grade lowered one full letter grade for EACH day they fail to follow proper call in procedure.
8. Extenuating circumstances will be taken into account. Extenuating circumstances include funeral of immediate family, maternity, hospitalizations etc.

Starfish

LIT utilizes an early alert system called Starfish. Throughout the semester, you may receive emails from Starfish regarding your course grades, attendance, or academic performance. Faculty members record student attendance, raise flags and kudos to express concern or give praise, and you can make an appointment with faculty and staff all through the Starfish home page. You can also login to Blackboard or MyLIT and click on the Starfish link to view academic alerts and detailed information. It is the responsibility of the student to pay attention to these emails and information in Starfish and consider taking the recommended actions. Starfish is used to help you be a successful student at LIT.

