

SALT LAKE COMMUNITY COLLEGE
Radiologic Technology Program

Course Syllabus

Course and Credit Hours: RADS 1040, 4 credit hours

Name of Course: Clinical Education I

Semester and Term:

Class Location and Time: Clinical Education Center as assigned.

Instructor and Phone:

Office Location:

Mailbox Location:

Email address:

Consultation Hours:

Textbook: Students will use their Clinical Education book

Required Equipment: Name badge, markers, scrubs, and dosimeter

Link or Instructions for Accessing Online Course Materials: Grades can be accessed on Canvas

Library Link: For a list of resources that support the program go to:
<http://libguides.slcc.edu/content.php?pid=16754>

Prerequisite: Admission to the program.

Course Description: Students attend a clinical setting 24 hours each week. Initial skills required of a radiographer are established. Patient care, upper limb, chest & abdomen, & shoulder covered. Activities are guided by a competency-based system.

Student Learning Outcomes:

The emphasis of this first semester is on establishing initial professional habits and attitudes, while at the same time learning about the hospital environment and beginning radiographic procedures. The clinical portion of the program is competency-based. Upon completion of this course:

- Students will be oriented to their newly assigned hospital, meet personnel, and learn departmental policies for that hospital.
- Students will know where emergency equipment is located and be able to set up oxygen and suction.
- Students will learn and perform the functions of the front office.
- Students will learn and perform imaging processing.
- Students will demonstrate empathy for patients.
- Students will assist in transporting a patient to or from the department in a wheelchair and on a stretcher.
- Students will demonstrate general radiographic positions.
- Students will manipulate radiographic equipment.
- Students will complete practice sheets for the following units:
 - Upper extremity
 - Chest and abdomen
 - Shoulder Girdle
- Students will achieve an 85% or above on simulation testing for the following units:
 - Upper extremity
 - Chest and abdomen
 - Shoulder girdle
- **Students will pass off competency on 8* examinations from the following units:**
 - Chest
 - Abdomen
 - Upper extremity
 - Pediatrics
 - Geriatrics
 - Mobile
- Students will achieve favorable first-year student evaluations from staff technologists (75% or above) and will be scored on the following:
 - Quality of work
 - Initiative
 - Communication skills
 - Patient care skills
 - Positioning skills
 - Equipment manipulation
 - Radiation protection
 - Time utilization
 - Organization
 - Overall progress
- Students will achieve favorable evaluations from Clinical Instructors (75% or above) and will be scored on the following:
 - Commitment to learning
 - Interpersonal skills
 - Communication skills
 - Effective use of time and resources
 - Use of constructive feedback
 - Problem-solving

- Professionalism
- Responsibility
- Critical thinking
- Stress management
- Students will implement concepts learned in didactic courses while performing radiologic examinations and will achieve 100% on competency pass-off, being scored on the following:
 - Requisition evaluation
 - Patient assessment
 - Room preparation
 - Patient management
 - Equipment operation
 - Technique selection
 - Positioning skills
 - Radiation safety
 - Image processing
 - Image evaluation
 - Marker usage

*The specific exams students complete are at the student's discretion. Students must refer to the Master Examination Record Form (blue pages in this book) which lists all exams students must complete in each unit in order to graduate. It is the student's responsibility to ensure that each exam required has been completed. Keep in mind that all exams marked as mandatory must be done and if an exam is marked as elective the student may choose which exam may be done.

SLCC Student Learning Outcomes:

SLCC is committed to fostering and assessing the following student learning outcomes in its programs and courses:

1. Acquire substantive knowledge
2. Communicate effectively
3. Develop quantitative literacies
4. Think critically & creatively
5. Become a community engaged learner
6. Work in professional & constructive manner
7. Develop computer & information literacy
8. Develop lifelong wellness

Course Requirements:

Supplemental Lab

As part of this clinical course, students will be required to come to the SLCC campus for multiple procedure labs. These labs will be held on Fridays from 8:00- 12:00 and again from 12:00 to 4:00, as scheduled by faculty. Students must be available to attend whenever they are assigned. Students will be given the 8-hour credit for that particular day on their clinical schedule. If you miss the lab, you are responsible for completing the full 8 clinic hours. Students will not be allowed to switch labs with other students for their personal convenience, as Fridays are a designated clinical day and students must be available. Also, if

a student misses their assigned lab, they cannot attend another lab as make-up due to the limited numbers of students assigned to each lab.

The purpose of this lab is to work with faculty in small groups on current procedures and imaging topics. It is an instructor-led lab, where assignments will be given for students to complete by taking images. This allows students to experiment in the lab using phantom exposures without the pressure of radiating patient and promotes learning from the exposures to utilize any corrective measures needed.

Exams. This is a clinical course, and as such, there are no written exams. However, students are given specific clinical assignments that must be completed by the end of the semester.

Attendance. Students must attend clinical 24 hours each week. Students must be on time and are expected to stay for their entire designated shift and must take a 30 min lunch. If a student is going to be late or absent, it is expected that they will call the clinical instructor before the shift begins.

Students must attend clinic for the required number of hours for the semester. One 8 hour sick-day is given this semester. Students who miss clinical must make it up by getting approval from the clinical coordinator and clinical instructor for the day and time they will do the make-up. Under no circumstances may the weekly total for class and clinic hours exceed 40 hours nor can student be at clinic for more than 10 hours in one day.

If a student does not complete all required clinic hours for this semester, they may not continue on in the program.

As per the Student Handbook, Students who have absences in excess of 20% of total attendance time required in clinic will fail this course.

Student Responsibilities. Students are expected to be in their assigned area or room and participate in every examination that comes to that room.

Students are expected to follow the supervision policy and all program policies.

SUPERVISION: It is highly recommended that students work under DIRECT supervision this entire semester, although in future semesters students may perform exams they have proven competent on under INDIRECT supervision.

Regardless of level of competency, the following must always be performed under

DIRECT supervision:

1. All repeated radiographs.
2. Mobile and Operating Room procedures.
3. Any examination in which a competency has not been passed off.
4. Students may never perform invasive components of procedures with the potential for risk to the patient, such as, venipuncture, catheter insertion, administration of medication, etc.

Students are encouraged to develop positive relationships with hospital staff.

If the student is having difficulty in the course, it is the student's responsibility to make arrangements to talk with the Instructor. Students are expected to be self-directed and motivated in identifying their learning needs.

Assignments. Each assignment in the clinical book must be completed, or the result is a deduction in points per the course grading page.

ASSIGNMENT #1, "INTRODUCTION TO CLINICAL SITE"

Student(s) will be required to attend specific site training/orientation. Student(s) will be introduced to the Radiology Department personnel, given a site tour and informed of the specifics for their clinical site.

ASSIGNMENT #2, "YOUR FIRST ROTATIONS THROUGH CLINIC"

Student(s) will rotate through ancillary areas of the radiology department and must complete the following:

- Front office rotation
- Radiographic processing rotation
- Transportation aid rotation, abbreviated at clinics

Additionally, the student must complete all of the following worksheets:

- Positioning
- Equipment manipulation
- Patient empathy

Incomplete. Students must complete all requirements to remain in the program.

Extra Credit No extra credit work will be given.

Course Weights

First rotations through clinic	10%
Practice sheets	10%
Simulation tests	10%
Completion of competencies	30%
Staff evaluations	10%
CI evaluation	30%

Grading:

95-100	A	75-77	C
90-94	A-	71-74	C-
87-89	B+	67-70	D+
83-86	B	64-66	D
80-82	B-	Below 64	E
78-79	C+		

Student Handbook:

Students must adhere to all policies and procedures of the Radiologic Technology Program as documented in the Student Handbook. It is the student's responsibility to be aware of, and follow, all requirements as listed in the Handbook.

Emergency Evacuation Procedures

Follow your clinical sites procedure.

Wireless Devices in Clinic:

The advent of technology use as an instructional tool has caused both opportunities and distractions. The expectations for this course are that you are engaged and present during clinical time, which means that you will be free from technological distractions. Research has shown that these distractions cause individual inattentiveness and can make it difficult for other to stay focused. Each clinical site will have different rules for wireless devices. It is the student's responsibilities to follow the policy of each clinical site they attend. However, there are some rules the must be followed.

1. Cell phones, iPods/Pads, pages, High-Resolution DVR Spy pens with webcam, microphones, recorders or any other wireless devices (excluding ADA authorized devices) that may distract from the clinical experience are to be silenced before entering the facility.
2. Wireless devices may not be out and/or visualized in any patient care area, this includes exam rooms, patient rooms and hallways or any area your facility restricts cell phone usage. If you use your cell phone inappropriately, your grade will be dropped a letter grade i.e. A to A-. If there continues to be violations, disciplinary action will follow and can lead to dismissal from the program.
3. You may not record or publish information from the clinical site, even if the patient information has been removed. This is a HIPPA Violation and can result in dismissal from the program.

Academic Grievance Policy

In accordance with the Salt Lake Community College Student Code of Conduct, http://www.slcc.edu/policies/docs/Student_Code_of_Conduct.pdf, the grievance policy for students with reference to academics can be found in Section III. Students are encouraged to seek resolution with the instructor(s) whenever possible.

It is the goal of the School of Health Sciences to be forthright and consistent with specific academic policies throughout divisions and programs. This policy singularly addresses academic issues and the general principles for disciplinary actions as noted in the Student Code of Conduct Section III. It should be noted it is up to the faculty's discretion to provide warning (verbal or written), suspension, or dismissal based upon program policy and severity of the issue at hand. It is realized in some health sciences programs a failing grade, as stated in the syllabus and/or policy manual, may result in program dismissal.

STEP ONE: A student has the right, as per college policy, to grieve a grade, warning (verbal or written), suspension, or dismissal received within a program of study. A student, as per policy, must make an appointment to meet with the instructor of the class. A meeting, for anything other than a final grade, should be made within ten (10) days of the incident. Final grade disputes require a meeting within 30 days of the student receiving the grade. Every effort should be made to find resolution and provide evidence from both parties with respect to the grade issued.

STEP TWO: If a resolution cannot be made, the student must request in writing five (5) business days from the date of meeting with the faculty, a committee review of the grievance to the Associate Dean of the specific division. The grievance will be reviewed by a committee consisting of three (3) to five (5) faculty outside the program in which the student is enrolled. This will include the following members, the Associate Dean and two to four faculty members outside the discipline. The Associate Dean will serve as committee chair. One faculty and the program coordinator of the program involved in the grievance can attend the procedure, as can the student with one representative. Each of these parties will only be allowed to present evidence to the committee and not vote on the issue in question. Legal representation is allowed by either party. The proceedings will be recorded for accuracy. Upon completion of the proceedings, the committee ONLY will vote on the issue(s) noted in the student's grievance. A formal letter will be provided by the committee chair within ten (10) business days of the end of the proceeding with the committee's decision regarding the issue.

STEP THREE: If the student is not satisfied with the outcome, they may appeal to the Academic Dean of the School of Health Sciences. This must be done in writing within five (5) days of receiving the formal letter from the grievance committee chair. The Dean will review the appeal, all evidence, and render a decision to the student within ten (10) days of receiving the formal letter from the student. The decision of the Dean of the School of Health Sciences is final and cannot be appealed.

SLCC Institutional Resources:

For information on SLCC Institutional Resources, please refer to the link on Canvas under Institutional Syllabus