



MIDWESTERN STATE UNIVERSITY

*Gunn College of Health Sciences and Human Services  
The Shimadzu School of Radiologic Sciences  
Bachelor of Science, Radiologic Sciences Program  
Course Syllabus - Melanie Billmeier*

RADS 4115 Clinical Education I

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## Course Description

Clinical experiences are unpaid external learning experiences. It is a method of instruction providing detailed education, training and work-based experience, and direct patient/client care at an affiliated clinical site. Students are rotated through the different work areas to observe and participate in the operation of the Imaging Department. Diagnostic radiographs are performed under the supervision of a qualified radiologic technologist. On Campus lectures include radiologic pathology, film critique, and quality assurance.

## Student Learning Outcomes

By the conclusion of the course, the successful student should be expected to:

- apply didactic knowledge in a patient-centered professional environment.
- communicate effectively with patients, families, colleagues, and physicians.
- analyze physician orders of diagnostic imaging exams.
- document pertinent patient history and examination details.
- assess patient needs and capabilities to the extent of exam performance.
- produce diagnostic images to aid in the diagnosis of patients.
- demonstrate a professional attitude, appearance, and initiative.

**Course Prerequisite(s):** RADS 3423 and RADS 3223

**Course Materials:** Clinical Handbook; ISBN: 9780323544634, Workbook for Radiographic Image Analysis, 5<sup>th</sup> Ed., Elsevier Science & Technology books

Personalized anatomic markers (2 sets)

## Course Evaluation Methods

# of Graded Course Elements	Graded Course Elements	Percentage or Points Values
1	Professional Development Evaluation & Image Critique	45%
1	Good Film/Bad Film	10%
1	Submission of assigned documents	5%
1	Clinical Competencies	25%
3	Clinical Journal	10%
1	Logs & Repeat Analysis	5%

## Course Requirements

### Professional Development Evaluation:

This is to be filled out twice a semester. At mid-semester, students are to complete a self-evaluation using the same form that will be assessed by your Clinical Instructor at the end of the semester. The self-evaluation does not need to be signed by your CI and will not affect your grade. The final professional development evaluation will be completed by your Clinical Instructor and submitted at the end of the semester for a grade.

### Good Film/Bad Film:

- Paper:** Each student must present a good (comp worthy) image and a poor image with a brief (**1- 2 pages**) justification of each to include the evaluation criteria that make the image good or bad and corrections if needed. These images should not be of the same anatomy unless approved by the instructor. The assignment will be graded for its content, organization, and errors. It should be double spaced, 12pt, and use universally readable sans-serif font with 1 inch margins. Rubric available on D2L. Submit in D2L dropbox.
- Presentation:** Each student will present their Good/Bad film assignment to the class at seminar. The presentation should include all identifiable anatomy for both images in addition to the image evaluations. Rubric available on D2L.

**Assigned Documents:**

- Acknowledgment of Clinical Handbook
- Orientation Checklist
- Mid-term self-evaluation

**Clinical Competencies:** A minimum of **7 competencies** must be met to progress to the next clinical semester. Less than the minimum will result in course failure. Additional exams will be applied to the next clinical semester. Your clinical competency grade will be based on the following scale:

- 7-8 = 75.
- 9-10 = 80.
- 11-12 = 85.
- 13-14 = 90.
- 15-16 = 95.
- 16 + = 100.

**Clinical Journals:** The discussion board can be accessed through the course navigation bar on the home page in D2L. Each discussion posting or section will have the prompt or topic of the assignment with the due dates. Each student will be required to post on D2L three (3) separate journal entries during the course of the semester. Each student will also be required to comment on two (2) other student entries for each journal assignment. Totaling six (6) *reply* entries for the semester. Note: All journals entries and responses close at 11:59 pm. Rubric available on D2L.

Journal Entry	Original Post Due	Response Posts Due
1	June 13	June 20
2	July 11	July 18
3	July 25	August 1

**Repeat Log/Repeat analysis:** Repeat logs will be presented at seminar each month. Grade will be determined by initials for all repeats and signatures on all documents. Repeat Analysis will be due at the conclusion of the semester. Points may be deducted for an unusually large numbers of repeat percentage and missing signatures.

**Attendance**

**Holidays:** Students will be allowed off any University holidays. If a holiday is on a weekday, that day will be considered the “day off” for the week. They will NOT get an additional day off that week.

**Seminar Dates:** June 30, August 3 & 4. Students will receive 8 hours of clinical credit for days of seminar attendance.

**Clinical Hours:** Students are required to attend 32 hours of clinical each week of the semester. Schedules are assigned by the affiliated facility Clinical Instructors (CI). A maximum of ten (10) hours per day during weekday hours during the day shift (5:00 am – 7:00 pm) will be assigned. It is at the sole discretion of the CI to adjust student schedules upon request. Any adjustment must be submitted in writing to the appropriate MSU clinical faculty.

Students are allowed a maximum of two (2) clinical absences per semester. **The student must contact the clinical instructor at the hospital and the clinical faculty at least one hour before the student is due to start the assigned shift if possible.** If illness or injury necessitates absences in excess of two, the student must submit a physician's note and receipt of service from the care provider to be excused. Excused absences may be made up within two weeks of the physician's release to work. Excessive absences (more than 2) will result in a reduction of the final clinical grade.

Time missed as the result of tardiness should be made up at the end of the assigned shift the **same day**. Three tardies within one semester will result in a reduction of the final clinical grade in addition to the deduction on the Professional Development Evaluation.

## Semester Course Calendar

May 31	First day of clinical
June 30	Seminar—no additional days off this week
July 4	Independence Day Holiday—no additional days off this week
August 2	Last day of clinical
August 3 & 4	Seminar—no additional days off this week

## Instructor Course Policies

**Dress Code** for clinical is stated the Clinical Handbook.

**Conduct/Honesty/Honor System:** In particular, academic dishonesty, however small, creates a breach in academic integrity. A student's participation in this course comes with the expectation that their work will be completed in full observance of the MSU code of Student Conduct and Clinical Policies and Procedures as stated in Clinical Handbook.

**Cell Phone Policy:** No cell phones are permitted at the clinical site during assigned clinical time. Students must leave it in a locker, purse, backpack, or other assigned secure area. It should be checked on breaks only.

## **Institutional Information**

### **Special needs**

The Americans with Disabilities Act (ADA) is a federal anti-discrimination statute that provides comprehensive civil rights protection for persons with disabilities. Among other things, this legislation requires that all students with disabilities be guaranteed a learning environment that provides for reasonable accommodation of their disabilities. If you believe you have a disability requiring an accommodation, please contact the Disability Support Services in Room 168 of the Clark Student Center, (940) 397-4140.

### **Administrative process**

Unresolved issues related to this course should be first addressed between the student and the course instructor. If there is no resolution, students must follow this sequence:

1. Department Chair – Dr. Beth Vealé (940-397-4611)
2. College Dean - Dr. Jeff Killion (940-397-4679)
3. Dean of Students – Matthew Park (940-397-7500)

### **Senate Bill 11**

Senate Bill 11 Senate Bill 11 passed by the 84th Texas Legislature allows licensed handgun holders to carry concealed handguns on campus, effective August 1, 2016. Areas excluded from concealed carry are appropriately marked, in accordance with state law. For more information regarding campus carry, please refer to the [University's campus carry webpage](#). If you have questions or concerns, please contact MSU Chief of Police [Patrick Coggins](#) by email at [mpatrick.coggins@msutexas.edu](mailto:mpatrick.coggins@msutexas.edu).