



*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 4315 Clinical Education III

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Course Description

This course provides a continuation of clinical experience in an affiliated hospital or clinic setting where students apply theories, concepts, and skills in patient care, positioning, image acquisition and processing, and radiation protection.

Student Learning Outcomes

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

- Assist registered technologists with emergency radiological examinations.
- Assist and perform examinations in the active examining areas.
- Satisfactorily complete Competency Evaluations from the List of Examinations.
- Evaluate each requisition.
- Demonstrate proper physical facilities readiness.
- Demonstrate proper patient care.
- Operate equipment effectively.
- Demonstrate correct positioning skills.
- Apply the principles of radiation protection.

- Evaluate the radiographic image for: correct anatomy, proper alignment, radiographic technique, and film identification, appropriate radiation protection.
- Complete all aspects of clinical competency evaluation.
- Perform according to prescribed standards.
- Observe and assist the qualified radiographer while in the assigned rotation.
- Perform various aspects of the selected procedure under direct and indirect supervision while in the assigned rotation.
- Demonstrate affective behaviors, as appropriate, for the level of professional development.
- Complete registry review assignments.

Course Prerequisite(s): RADS 4215

Course Materials: Clinical Handbook

Personalized anatomic markers

Course Evaluation Methods

# of Graded Course Elements	Graded Course Elements	Percentage or Points Values
1	Professional Development Evaluation	50%
1	Image Critique	10%
1	Clinical Competencies	25%
4	Clinical Journal	10%
1	Logs & Repeat Analysis	5%

Letter Grade	Percentage Score
A	89.5+
B	79.5-89.4
C	74.5-79.4
F	<74.5

Course Requirements

Professional Development Evaluation:

This is to be filled out at the end of the semester. The final professional development evaluation will be completed by your Clinical Preceptor and submitted at the end of the semester for a grade.

Image Critique:

The image critique form will reflect participation and knowledge during weekly sessions with the Clinical Preceptor. It will be completed by the CP and submitted at the end of the semester for a grade.

Clinical Competencies: The ARRT minimum requirements must be met to be eligible to sit for the registry exam (36 mandatory/15 elective/10 simulations). A maximum of 10 simulations is allowed by ARRT. Less than the minimum comps will result in an incomplete through the first summer session or course failure. Your clinical competency grade will be based on the following scale:

- 75= minimum ARRT (61—36/15/10).
- 80= 52-56 comps + 10 SIM.
- 85= 57-62 comps + 10 SIM.
- 90= 63-65 comps + 8-10 SIM.
- 95= 66-67 comps + 6-7 SIM.
- 100= 68-73 comps + <6 SIM.

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 four (4) 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 eight (8) *reply* entries for the semester). Note: All journal entries and responses close at 11:59 pm. Rubric available on D2L.

Journal Entry	Original Post Due	Response Posts Due
1	Jan 29	Feb 5
2	Feb 26	Mar 4
3	Mar 25	Apr 1
4	Apr 15	No responses required

Repeat Log/Repeat analysis: Exam logs will be assessed through Trajecsys. Repeat logs will be presented for review at each competency check. The 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 unusually large numbers of repeat percentages 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.

RADS 4332 Seminar Dates: February 8 & 9, March 7 & 8, April 4 & 5, and May 2 & 3. Students will receive 16 hours of clinical credit for weeks 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 Preceptors (CP). 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 CP 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 a result of tardiness should be made up at the end of the assigned shift on 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

Jan. 15	MLK Day Holiday—No additional days off this week
Jan. 16	First day of clinical
Jan. 31-Feb. 2	ACERT Conference, Las Vegas (optional)
Feb. 8 & 9	Student Seminar
Mar. 7 & 8	Student Seminar
Mar. 10-16	Spring Break
Mar. 28 & 29	Easter Break
Apr. 4 & 5	Student Seminar
Apr. 11-13	TxSRT Conference, TCC Riverside Campus (optional)
May 1	Last day of clinical
May 2 & 3	Student Seminar
May 10	Pinning Ceremony Spirit of the Mustangs Graduate Walk
May 11	Commencement

Instructor Course Policies

Dress Code public appropriate casual.

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 the [Student Handbook](#).

Cell Phone Policy: The use of cell phones in the classroom is highly discouraged unless as a part of the course activities. Students will be asked to step out of the classroom for cell phone use to avoid the distraction of fellow students.

Institutional Information

Last day to withdraw

For the Spring 2024 semester, the last day to withdraw from a course with a “W” is April 24, 2024, by 4:00 PM.

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 (940-397-7500) student.affairs@msutexas.edu

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 get in touch with MSU Interim Chief of Police [Steven Callarman](#) by email at steven.callarman@msutexas.edu.