



*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 4215 Clinical Education II

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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 level of professional development.
- Complete registry review assignments.

Course Prerequisite(s): RADS 4115

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 & Image Critique	50%
2	Clinical Projects	10%
1	Clinical Competencies	25%
4	Clinical Journal	10%
1	Logs & Repeat Analysis	5%

Course Requirements

Professional Development Evaluation:

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

Clinical Projects:

National Rad Tech Week: Must involve the hospital with some type of activity to celebrate Rad Tech Week Nov. 3rd – 9th. This can include games, cookies and punch, a newspaper article or newsletter posting telling about radiology, etc...Make it interesting and fun for the department. Your departments and other students at the site can be involved (only MSU students). This can be a group or solo project (keep within your clinical site). These are meant to inform outside groups about NRTW and why it should be celebrated. (Cannot just make food for the department, needs to include more interaction.) The larger the group, the more involvement. Following that week, you will submit documentation to the instructor with pictures documenting your project and participation. Rubric available on D2L.

Clinical Site Promotion: Each group will prepare a PowerPoint promoting your current assigned clinical site. This should focus on the medical imaging department. Your best attempt should be made to make this high quality and informational. It will be graded on how well it promotes the site, how it could be used, creativity, high quality, professionalism, informational, and modalities included. Information presented should be your own work (not copied from the facility website). These will be posted for the juniors to view for clinical site selection and a Q&A session will be held during the October seminar. Rubric available on D2L.

Clinical Competencies: A minimum of **37 competencies** (total to include those from summer/Clinical I) 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:

- 37 = 75.
- 38-40 = 80.
- 41-43 = 85.
- 44-46 = 90.
- 47-48 = 95.
- 49 + = 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 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). Rubric available on D2L.

Repeat Log/Repeat analysis: Repeat logs will be presented at each competency check. 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.

RADS 4912 Seminar Dates: September 26 & 27, October 24 & 25, and December 5 & 6. Students will receive 16 hours of clinical credit for weeks of seminar attendance and have no additional days off those weeks.

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 coordinator 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 in the final clinical grade.

Time missed as the 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.

RADS 4215 Fall 2024 Course Schedule	
Date	Activity
August 26	First day of clinical
September 2	Labor Day Holiday – No additional days off this week
September 9	Original posts due for journal 1 by 11:59 pm
September 16	Response posts due for journal 1 by 11:59 pm
September 23	Original post due for journal 2 by 11:59 pm
September 26-27	Student Seminar
September 30	Response posts due for journal 2 by 11:59 pm
October 11	Clinical site promotion PowerPoint due by 11:59 pm
October 21	Original post due for journal 3 by 11:59 pm
October 24-25	Student Seminar
October 28	Response posts due for journal 3 by 11:59 pm
November 11	Original post due for journal 4 by 11:59 pm
November 15	NRTW project due by 11:59 pm
November 18	Response posts due for journal 4 due by 11:59 pm
November 27-29	Thanksgiving Holiday
December 3	Last day of clinical
December 6	Repeat analysis & logs due by 11:59 pm
December 5-6	Student Seminar

****The last date to drop this course with a "W" is November 25th at 4:00 pm.****

Instructor Course Policies

Dress Code: For clinical is stated in the Clinical Handbook.

Use of Artificial Writing Generators: The use of any artificial writing generator (ex: Chat GPT) is strictly prohibited. The use of artificial writing generators can and will be deemed a violation of the university's honor system. **Any or all parts of a written assignment identified as having elements of writing attributed to an artificial writing source will automatically receive a zero (0) for a grade.** Students will not be allowed to make up those assignments. This program uses software that detects AI generators. For more policy information regarding cheating and plagiarism, see the Honor System section in this syllabus.

Conduct/Honesty/Honor System: In particular, academic dishonesty, however small, creates a breach of 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 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. Lynette Watts (940-397-4833)
2. College Dean - Dr. Jeff Killion (940-397-4679)
3. Dean of Students – Matthew Park (940-397-7500)

Campus Carry

Effective August 1, 2016, the Campus Carry law (Senate Bill 11) allows those licensed individuals to carry a concealed handgun in buildings on public university campuses, except in locations the University establishes as prohibited. The new Constitutional Carry law does not change this process. Concealed carry still requires a License to Carry permit, and openly carrying handguns is not allowed on college campuses. For more information, visit Campus Carry.

Active Shooter

The safety and security of our campus is the responsibility of everyone in our community. Each of us has an obligation to be prepared to appropriately respond to threats to our campus, such as an active aggressor. Please review the information provided by MSU Police Department regarding the options and strategies we can all use to stay safe during difficult situations. For more information, visit Safety / Emergency Procedures. Students are encouraged to watch the video entitled "*Run. Hide. Fight.*"

which may be electronically accessed via the University police department's webpage: "*Run. Hide. Fight.*"