



*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 4912 Special Topics**

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## Course Description

This course will address current events, skills, knowledge, and/or attitudes and behaviors pertinent to the technology or occupation and relevant to the professional development of the student.

## Student Learning Outcomes

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

- Discuss the organization and structure of the modern-day radiology department
- Explore the impact of emerging trends on the structure of the imaging department
- Participate in problem solving and critical thinking activities
- Complete registry review assignments

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

**Course Materials:** Current ASRT student membership- \$35.00, mobile smart device (phone, tablet, or laptop)

## Course Evaluation Methods

# of Graded Course Elements	Graded Course Elements	Percentage or Points Values
4	ARRT Content Specifications Questions	30%
3	Article Review/Discussions	30%
3	Registry review exams	40%

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

Last Day for "W", 4:00 p.m. –October 24, 2022. Drops after this date will receive grades of "F."

## Course Requirements

**ARRT Content Specifications:** There are 200 questions covering four main categories on the ARRT exam. These [content specifications](#) are clearly outlined on the ARRT website. For this assignment area, students will be required to submit 25 multiple choice questions to address a variety of the different numbered *subcategories* of each section. Students will also provide the correct answer and the source of each question (text book, review book, etc.). For example: the first question should specifically address the highlighted subcategory (*Patient's rights*); the second question would address 2. *Legal issues*; the third will be 3. *ARRT Standards of Ethics*, etc. If there are fewer than 25 of those subcategories, the remaining questions may cover any content within the Main heading category (i.e., Patient Care). If there are more than 25 of that particular subcategory, the student may choose from any to total 25 questions.

### Patient Care

#### 1. Patient Interactions and Management

##### A. Ethical and Legal Aspects

##### 1. Patient's rights

##### a. consent

**Article Review/ Discussions:** An article review is a writing piece that summarizes and assesses someone else's article. It entails understanding the central theme of the article, supporting arguments, and implications for further research. The student should submit a title page for the assignment (page 1), the article reference citation in APA format followed by the summation and review of the selected article (page 2). This should all be in a 12pt. sans serif font with 1" margins.

### **APA Format**

An article can appear in academic journals, newspapers, and websites. You need to write bibliographical entries for the sources you use when writing an APA format article review:

- **Web:** Author [last name], A.A [first and middle initial]. (Year, Month, Date of Publication). Title. Retrieved from {link}
- **Journal:** Author [last name], A.A [first and middle initial]. (Publication Year). Publication Title. Periodical Title, Volume (Issue), pp.-pp.
- **Newspaper:** Author [last name], A.A [first and middle initial]. (Year, Month, Date of Publication). Publication Title. Magazine Title, pp. Xx-xx.

After submission of the previous Article Review, each student will submit a short response to peer article reviews. 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 entries during the course of the semester. Each student will also be required to comment on at least two (2) other student entries for each assignment. Totaling at least six (6) *reply* entries for the semester. Note: All entries and responses close at 11:59 pm. Rubric available on D2L.

**Registry Review Exams: ASRT SEAL:** Specified registry review exams will be administered at 9:00 AM on the Thursday mornings of each seminar date (see below). Each exam will be 100 questions to cover the content specifications as outlined by the ARRT exam for radiography. Students will have 2 hours to complete the exams. The first of the exams may be taken as practice on your own time prior to seminar.

## **Attendance**

**RADS 4912 Seminar Dates:** September 29 &30, October 27 & 28, and December 1 & 2. Students will receive 16 hours of clinical credit for weeks of seminar attendance. If a student is unable to attend seminar for ANY reason, the student is responsible for contacting one of the course

faculty as soon as possible. Make-up tests/assignments will be given at the discretion of the course faculty on an individual basis.

## Semester Course Calendar

August 22	First day of classes
September 3	Patient Care questions due
September 5	Labor Day Holiday—No additional days off this week
September 18	Article Review 1 due
September 25	Peer responses due
September 29 & 30	Student Seminar-One day off this week
October 2	Safety questions due
October 16	Article Review 2 due
October 23	Peer responses due
October 27 & 28	Student Seminar-One day off this week
November 6	Image Production questions due
November 20	Article Review 3 due
November 27	Peer responses due
November 22- 26	Thanksgiving Holiday
November 29	Last Day of Clinical (Evaluations & Logs Due)
December 1 & 2	Student Seminar-One day off this week
December 2	Procedures questions due

## 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

### 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 – [student.affairs@msutexas.edu](mailto:student.affairs@msutexas.edu) (940-397-7500)

### Smoking/Tobacco Policy

College policy strictly prohibits the use of tobacco products in any building owned or operated by MSU TEXAS Adult students may smoke only in the outside designated-smoking areas at each location.

### Alcohol and Drug Policy

To comply with the Drug Free Schools and Communities Act of 1989 and subsequent amendments, students and employees of Midwestern State are informed that strictly enforced policies are in place which prohibits the unlawful possession, use, or distribution of any illicit drugs, including alcohol, on university property or as part of any university-sponsored activity. Students and employees are also subject to all applicable legal sanctions under local, state, and federal law for any offenses involving illicit drugs on University property or at University-sponsored activities.

### 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.](#)"