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

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**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, 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	Discussions	10%
3	Article Reviews	30%
3	Registry review exams	30%

## 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, website, etc.). For example: the first question should specifically address the highlighted subcategory (Patient's rights). The second question would address 2. Legal issues. 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

**Discussions:** After submission of the previous content specifications, each student will submit a short FlipGrid (App) video to summarize and give examples of how the content area is specifically applied in the clinical setting. 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. Totalling six (6) *reply* entries for the semester. There will be no requirement for a discussion on the Procedures section of the content specifications. Note: All journals entries and responses close at 11:59 pm. Rubric available on D2L.

Due Date	Assignment
Sep 5      Patient Care	25 Questions
Sep 10	original discussion post
Sep 15	responses to others
Oct 3      Safety	25 Questions
Oct 8	original discussion post
Oct 13	responses to others
Nov 7      Image Production	25 Questions
Nov 12	original discussion post
Nov 17	responses to others
Dec 3      Procedures	25 Questions

**Article Reviews:** 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.

**Registry Review Exams:** Specified registry review exams will be administered on the Friday afternoons 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.

## Attendance

**RADS 4912 Seminar Dates:** September 16 &17, October 14 & 15, and November 18 & 19.

Students will receive 16 hours of clinical credit for weeks of seminar attendance. If 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 23	First day of clinical
September 6	Labor Day Holiday—No additional days off this week
Sep 16 &17	Student Seminar-One day off this week
Oct 14 & 15	Student Seminar-One day off this week
Nov 18 & 19	Student Seminar-One day off this week
Nov 24- 28	Thanksgiving Holiday
December 3	Last day of clinical

## **Instructor Course Policies**

**Dress Code** for 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 Clinical 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 as to avoid 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 – 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).