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), 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 Reviews	30%
3	Registry review exams (SEAL)	30%
1	Mini Mock	10%

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

The last date to drop this course with a "W" is October 30, 2023 at 4:00 pm.

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 at least all of the different numbered *sub*categories 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).

 Patient Care

1. Patient Interactions and Management

    A. Ethical and Legal Aspects

        1. Patient's rights

            a. consent

Due Date	
Sep 8	Patient Care
Oct 6	Safety
Nov 3	Image Production
Dec 8	Procedures

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.

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.

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 28 & 29, October 26 & 27, and November 30 & December 1. 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 28   First day of classes

September 4   Labor Day Holiday—No additional days off this week

Sep 8   Patient Care questions due

Sep 28 & 29   Student Seminar-16 hours off this week

Oct 6   Safety questions due

Oct 26 & 27   Student Seminar-16 hours off this week

Nov 3   Image Production questions due

Nov 22-25   Thanksgiving Holiday

Nov 30 & Dec 1   Student Seminar-16 hours off this week

December 8   Procedures questions due

Dec 8   Last day of clinical

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 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 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 – student.affairs@msutexas.edu (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."*