



RADR 2335 RADIOGRAPHIC TECHNOLOGY SEMINAR

CREDIT: 3 semester credit hours

PREQUISITE: RADR 2305 Principles of Radiographic Imaging II

COURSE DESCRIPTION: A capstone course focusing on the synthesis of professional knowledge, skills, and attitudes in preparation for professional employment and lifelong learning.

CAPSTONE COURSE:

This is the capstone course for the Radiologic Technology program. The student will have to meet certain requirements for completion:

1. score at least a 77 in the course (RADR2335)
2. score an 80% or above on internet based 200? Mock ARRT Registry Review Exam Rad Tech Boot Camp (administered in the Media Center)
3. Complete ASRT Radiography Roadmap (online Registry prep course)

TEXTBOOKS and MATERIALS:

- All previous radiology program textbooks.
- *RadTechBootCamp Online Radiography Prep Website*
- *ASRT Radiography Roadmap Prep course*
- Calloway, William J., *Mosby's Comprehensive Review of Radiography*, 7th edition, Elsevier 2017, ISBN# 978-0-323-35423-3
- #882 Scan-trans and pencils

COURSE OBJECTIVES:

- A. Demonstrate entry level proficiency in knowledge, skills, and attitudes necessary for professional employment
- B. Articulate the need for lifelong learning
- C. Utilize knowledge, skills, and attitudes to demonstrate entry level proficiency for professional employment
- D. Understand the importance of continuing education
- E. Be aware of the recommended techniques and skills associated with test taking
- F. Be aware of individual areas of weakness in the four areas covered (Patient Care, Safety, Image Production, Procedures)
- G. Be prepared both mentally and psychologically to take the ARRT National Registry Examination for Radiologic Technologists
- H. Be comfortable in taking computer generated tests
- I. Submit applications for ARRT national Registry exam and TMB Texas license (or license from another state if moving post-graduation)

COURSE OUTLINE:

By the end of the semester the student will:

1. Develop a resume
2. List important steps to a good job interview
3. Discuss test taking tips and study skills
4. The student will know their weak areas in radiology from scores on pre-test
5. Prepare questions for "Prep Bowl" Competition in their weakest areas.
6. Complete four (4) 100 question RadTechBootCamp web based exams with an 80% or higher
 - a. Patient Care
 - b. Safety
 - c. Procedures
 - d. Image Production
 - e. Radiation Safety (submitted in RADR 2313)
7. Complete the ASRT Radiography Roadmap
8. Compete in "Prep Bowl" type competition
 - a. Safety
 - b. Image Production
 - c. Procedures
 - d. Patient Care
8. Review the following areas using skills required in the objectives of each course
 - A. Image Production - RADR 1313, RADR 2305, and RADR 2333
 - B. Procedures - RADR 1411 & RADR 2401
 - C. Safety - RADR 2309 & RADR 2313
 - D. Patient Care - HPRS 1201 & RADR 1309
9. Apply for Texas Medical Board- Medical Radiologic Technologists License
10. Apply to take the American Registry Radiologic Technologists national registry exam.

GRADE SCALE: NUMERIC TO LETTER GRADE CONVERSION:

A = 93 - 100	D = 60 - 76
B = 84 - 92	F = 0 - 59
C = 77 - 83	

*** A minimum of 77% is required for successful completion of this course!**

COURSE EVALUATION:

Grades will be determined in the following manner:

- | | |
|--|------------|
| 1. (4) MAJOR CATEGORY TESTS and CUMULATIVE EXTRA POINTS | 50% |
| 2. 200? COMPREHENSIVE FINAL | 50% |

COURSE POLICIES:

- No food, drinks, or use of tobacco products in class.
- Phones, headphones, and any other electronic devices must be turned off while in class.

SPRING 2019 - RADR 2335

Course Syllabus

- Recording devices may be used except during test reviews and when otherwise stated by the instructor.
- Lap top computers, I-pad... may be used to take notes during class but may not be used to “surf” the internet, look-up answers, nor anything not directly related to note taking.
- It shall be considered a breach of academic integrity (cheating) to use or possess on your body any of the following devices during any examination unless it is required for that examination and approved by the instructor: Cell phone, smart watch/watch phone, laptop, tablet, electronic communication devices (including optical), and earphones connected to or used as electronic communication devices.
 - *This is a violation of the Radiologic Technology Student Handbook and will result in dismissal from the program.*

Students with special needs and/or medical emergencies or situations should communicate with their instructor regarding individual exceptions/provisions. It is the student's responsibility to communicate such needs to the instructor.

- Do not bring children to class.
- **Attendance Policy:** Class attendance is important to ensure that a student receives the knowledge and skills necessary to be successful in the Radiologic Technology program. Students are expected to be in class on time. If a student is tardy they may enter only if they do so quietly.

When it becomes necessary to miss a session, it is the responsibility of the *student* to contact the instructor and to inquire about assignments. I will *not* distribute the PowerPoints missed. The student must get the notes from a classmate. If a major test is missed, the test will be administered at the first day the student returns to class or at a time designated by the instructor. There will be a **ten (10) point** reduction for make-up exams.

Technical Requirements (for courses using Blackboard)

The latest technical requirements, including hardware, compatible browsers, operating systems, software, Java, etc. can be found online at:

https://help.blackboard.com/enus/Learn/9.1_2014_04/Student/015_Browser_Support/015_Browser_Support_Policy A functional broadband internet connection, such as DSL, cable, or WiFi is necessary to maximize the use of the online technology and resources.

Disabilities Statement

The Americans with Disabilities Act of 1992 and Section 504 of the Rehabilitation Act of 1973 are federal anti-discrimination statutes that provide comprehensive civil rights for persons with disabilities. Among other things, these statutes require that all students with documented disabilities be guaranteed a learning environment that provides for reasonable accommodations for their disabilities. If you believe you have a disability requiring an accommodation, please contact the Special Populations Coordinator at (409) 880-1737 or visit the office in Student Services, Cecil Beeson Building. You may also visit the online resource at <http://www.lit.edu/depts/stuserv/special/defaults.aspx>

Student Code of Conduct Statement

It is the responsibility of all registered Lamar Institute of Technology students to access, read, understand and abide by all published policies, regulations, and procedures listed in the *LIT Catalog and Student Handbook*. The *LIT Catalog and Student Handbook* may be accessed at www.lit.edu or obtained in print upon request at the Student Services Office. Please note that the online version of the *LIT Catalog and Student Handbook* supersedes all other versions of the same document

Starfish

LIT utilizes an early alert system called Starfish. Throughout the semester, you may receive emails from Starfish regarding your course grades, attendance, or academic performance. Faculty members record student attendance, raise flags and kudos to express concern or give praise, and you can make an appointment with faculty and staff all through the Starfish home page. You can also login to Blackboard or MyLIT and click on the Starfish link to view academic alerts and detailed information. It is the responsibility of the student to pay attention to these emails and information in Starfish and consider taking the recommended actions. Starfish is used to help you be a successful student at LIT.

