



RADR-2333-10111-SP2026  
**Advanced Medical Imaging**

## Course Information

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**Spring 2026 Semester**

**Start/End Date:** 01/12/26 - 03/05/26 **Room:** INT INT **Instructional Method:** ILEC

Key:

LEC-Lecture, LAB-Lab, ILEC-Internet Lecture, ILAB-Internet Lab, HLEC-Hybrid Lecture, HLAB-Hybrid Lab, CLIN-Clinical, Coop-Cooperative Education, INTR-Internship, PRAC-Practicum

## Additional Course Information

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Any changes in the course will be posted in Brightspace/D2L.

The Radiologic Technology Program courses build upon each other. In each course, there may be test questions from prior modules within the course, as well as prior program courses.

Students with a positive background screening may be ineligible for clinical placement.

## Instructor Information

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Laura Schrettner

**Phone:** 4099338681

**Email:** lschrettner@com.edu

**Office Hours:** Monday 1-4 pm Thursday and Friday 1 -2 pm Other hours by appointment

**Location:** STEM 225-60 or via TEAMS

**Additional Information:**

Monday will be in STEM 225-60

Thursday and Friday will be via TEAMS

## Certification and Licensure

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Successful completion of a criminal back-ground check does not ensure eligibility for licensure or future employment.

### **American Registry of Radiologic Technologists (ARRT):**

The ARRT Standards of Ethics governs the behavior expected of Radiologic Technologists, and the behavior that is not tolerated. If a student has faced the following, they should consider an ethics review preapplication:

- Misdemeanor or felony charges or convictions
- Military courts-martial.
- Disciplinary actions taken by a state or federal regulatory authority or certification board.
- Serious honor code (academic) violations as described in our Rules of Ethics, such as patient abuse, violating patient confidentiality, and cheating.

These offenses may result in ineligibility for applying for certification and registration.

### **Texas**

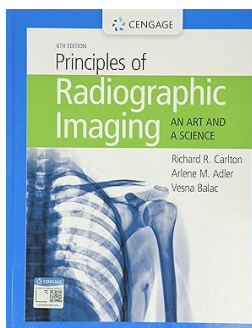
Effective September 1, 2017, HB 1508 amends the Texas Occupations Code Section 53 that requires education providers to notify potential or enrolled students that a criminal history may make them ineligible for an occupational license upon program completion.

## Required Textbook and Materials

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**Title: Principles of Radiographic Imaging**

**Subtitle:** Most recent edition



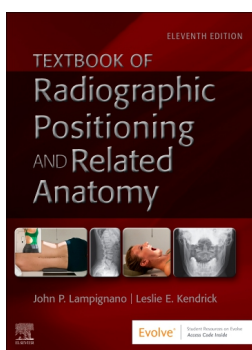
**Title: Cloverleaf Learning**



**Title: American Society of Radiologic Technologists Membership**

## Optional Textbook and Materials

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**Title: Bontrager: Radiographic Positioning and related anatomy**

**Subtitle:** Most recent edition

## Course Description

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An exploration of specialized imaging modalities. Prerequisite: RADR-2401 with a grade of "C" or better.

## Course Requirements

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- check-in and interact in the course at least three times a week.
- participate in all discussions.
- participate in group activities.
- complete all exams and assignments.

## Determination of Course Grade/Detailed Grading Formula

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The Radiologic Technology program utilizes this course grading scale:

- 90-100 = A
- 80-89 = B
- 75-79 = C
- 69-74 = D
- 0-68 = F

## Late Work, Make-Up, and Extra-Credit Policy

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Late assignments are not accepted. Students are responsible for completing all assignments on time and for any course content missed by absence or tardiness.

Please see the program handbook for extenuating circumstances such as:

- College Closure
- Clinical Site Closure
- Bereavement Leave
- Catastrophic Leave
- Military Leave

## Attendance Policy

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Students are required to attend and participate in every session of all classes for which they are registered. Regular attendance is a critical component of being successful in courses. Students should consult with their instructors when it is necessary to miss a class prior to the class. COM recognizes no excused absences other than those prescribed by law: religious holy days and military service. Students are expected to attend all classes.

Online courses turn the idea of attendance on its head. Online, you can "attend" class in your pajamas at 2 am in the morning, or sitting by the pool on a sunny day. Attendance is not marked by your body being in a class, but rather by your participation in the class activities:

Here are the brief "rules" we will follow to guide participation:

- check-in and interact in the course at least three times a week;
- participate in all discussions;
- participate in group activities.

While some courses are self-paced, this course follows a regular schedule. In each module, you will interact with your peers in discussions, and complete a series of activities and assignments. The regular schedule allows us to learn from one another, and it keeps everyone on a path toward our learning goals.

## Communicating with Your Instructor

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ALL electronic communication with the instructor must be through your COM email. Due to FERPA restrictions, faculty cannot share any information about performance in the class through other electronic means. (Faculty may add additional statement requiring monitoring and communication expectations via D2L or other LMS)

## Student Learner Outcomes

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1	Describe the various specialized imaging modalities
2	Differentiate between images produced by different modalities
3	Identify the anatomy demonstrated.

## Academic Dishonesty

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Any incident of academic dishonesty will be dealt with in accordance with college policy and the Student Handbook. Academic dishonesty is an extremely serious offense and will result in a grade of zero on that exam, assignment, or activity. The student will be referred to the Office of Student Conduct for appropriate discipline action. Unauthorized use of AI-content generators is a form of academic dishonesty.

## Student Concerns

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If you have any questions or concerns about any aspect of this course, please contact me using the contact information previously provided. If, after discussing your concern with me, you continue to have questions, please contact Dr. Rebecca Montz at 409-933-8948 or [rmontz@com.edu](mailto:rmontz@com.edu).

## Cloverleaf Learning - ARRT Review

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### ARRT Review Exams

In each module, there is an ARRT review exam to be completed. These are assigned to you in Cloverleaf Learning. You are to submit your grade into each assignment. You can take a screen shot of the final grade, print a copy, or whatever method works for you, and upload to this assignment.

Failure to upload a document that is legible, oriented correctly, or does not show your score, will result in a score of 0.

## Course Outline

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The course is designed to follow the schedule below:

### Course Schedule

Time Frame	Lecture	Assignments
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Time Frame	Lecture	Assignments
January 12 - 24	Orientation  Module 1: Computed Tomography, Sectional Anatomy Introduction, Cranium, Facial Bones, and Brain	Discussion Post  Review Questions Registry Review Exam
January 24 – February 5	Module 2: MRI, Bone Density, Sectional Anatomy of the Spine and Neck	Discussion Post  Review Questions Registry Review Exam
February 5 – February 18	Module 3: Mammography, Sonography, and Sectional Anatomy of the Thorax and Abdomen	Discussion Post  Review Questions Registry Review Exam
February 18 – March 2	Module 4: Nuclear Medicine, Radiation Therapy, and Sectional Anatomy of the Pelvis and Extremities	Discussion Post  Review Questions Registry Review Informational Interview Exam
March 5	Final Exam	Final Exam

The schedule is subject to change.

Please check the calendar and each module for specific due dates.

## Withdrawal Policy

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**Withdrawal Policy:** Students may withdraw from this course for any reason prior to the last eligible day for a “W” grade. Before withdrawing students should speak with the instructor and consult an advisor. Students are permitted to withdraw only six times during their college career by state law. The last date to withdraw from the **December Mini session is December 23**. The last date to withdraw from the **1st 8-week session is February 25**. The last date to withdraw

from the **16-week session is April 20**. The last date to withdraw for the **2nd 8-week session is April 29**.

## FN Grade

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**FN Grading:** The FN grade is issued in cases of failure due to a lack of attendance, as determined by the instructor. The FN grade may be issued for cases in which the student ceases or fails to attend class, submit assignments, or participate in required capacities and for which the student has failed to withdraw. The issuing of the FN grade is at the discretion of the instructor. The last date of attendance should be documented for submission of an FN grade.

## Institutional Policies and Guidelines

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**Grade Appeal Process:** Concerns about the accuracy of grades should first be discussed with the instructor. A request for a change of grade is a formal request and must be made within six months of the grade assignment. Directions for filing an appeal can be found in the student handbook: <https://www.com.edu/student-services/student-handbook.html>. *An appeal will not be considered because of general dissatisfaction with a grade, penalty, or outcome of a course. Disagreement with the instructor's professional judgment of the quality of the student's work and performance is also not an admissible basis for a grade appeal.*

**Academic Success & Support Services:** College of the Mainland is committed to providing students the necessary support and tools for success in their college careers. Support is offered through our Tutoring Services, Library, Counseling, and through Student Services. Please discuss any concerns with your faculty or an advisor.

**ADA Statement:** Any student with a documented disability needing academic accommodations is requested to contact:

Kimberly Lachney, Student Accessibility Services Coordinator

Phone: 409-933-8919

Email: [AccessibilityServices@com.edu](mailto:AccessibilityServices@com.edu)

Location: COM Doyle Family Administration Building, Student Success Center



**Textbook Purchasing Statement:** A student attending College of the Mainland is not under any obligation to purchase a textbook from the college-affiliated bookstore. The same textbook may also be available from an independent retailer, including an online retailer.

**Early Alert Program:** The Student Success Center at College of the Mainland has implemented an Early Alert Program because student success and retention are very important to us. I have been asked to refer students to the program throughout the semester if they are having difficulty completing assignments or have poor attendance. If you are referred to the Early Alert Program you will be contacted by someone in the Student Success Center who will schedule a meeting with you to see what assistance they can offer in order for you to meet your academic goals.

**Resources to Help with Stress:** If you are experiencing stress or anxiety about your daily living needs, including food, housing, or just feel you could benefit from free resources to help you through a difficult time, please click here: <https://www.com.edu/community-resource-center/>. College of the Mainland has partnered with free community resources to help you stay on track with your schoolwork by addressing life issues that get in the way of doing your best in school. All services are private and confidential. You may also contact the Dean of Students office at [deanofstudents@com.edu](mailto:deanofstudents@com.edu) or [communityresources@com.edu](mailto:communityresources@com.edu).

**Nondiscrimination Statement:** The College District prohibits discrimination, including harassment, against any individual on the basis of race, color, religion, national origin, age, veteran status, disability, sex, sexual orientation, gender (including gender identity and gender expression), or any other basis prohibited by law. Retaliation against anyone involved in the complaint process is a violation of College District policy.