



Course Syllabus

**Advanced Medical Imaging
RADR2333**

******Note to Student******

Student Success is our number one priority at Coastal Bend College and we realize that prompt effective communication plays a significant role in achieving that goal. It is vitally important that you have the proper contact information for your instructor. This should include their office phone number, email address, and their office hours. If you have any problems contacting your instructor, or do not receive a prompt response to your inquiries, please contact the program officials or the Dean of Workforce as soon as possible. Their contact information is provided below:

Radiology Program Director: Timothy Skaife: 361.354.2302: skaifet@coastalbend.edu

Radiology Clinical Coordinator: Ludie Tryan: 361.354.2501: ltyran@coastalbend.edu

Dean of Workforce Programs: Julia Garcia: 830.569.4222X1202: jgarcia@coastalbend.edu

Course Description:

Specialized imaging modalities. Includes concepts and theories of equipment operations and their integration for medical diagnosis.

Semester Hours Credit:

3 Semester Credit Hours
Spring TTh

Lecture/Lab Hours:

(3-0-0)

Prerequisite:

RADR2217

Textbook(s):

Radiographic Positioning and Related Anatomy, 8th Ed., Bontrager and Lampignano. ISBN # 9780323083881

Radiographic Positioning and Related Anatomy Workbook and Laboratory Manual, 8th Ed., Bontrager and Lampignano. ISBN # 9780323088329

Student Learning Outcomes:

1. Utilize critical thinking skills to differentiate the specialized imaging modalities and associated equipment
2. Utilize empirical and quantitative skills to identify and compare anatomy as imaged by different modalities.

Evaluation Methods:

Professional Evaluations, Competency Evaluations, Logbook, and Comprehensive test



Student Learning Outcomes Assessment:

| SLO | Assessment Method | Target |
|---|---|--|
| Utilize critical thinking skills to differentiate the specialized imaging modalities and associated equipment | Assessment for this SLO will be the first chapter test in the course | 90% of the students will score 75% or above on the evaluation form |
| Utilize empirical and quantitative skills to identify and compare anatomy as imaged by different modalities | Assessment of this SLO will be student’s score on image critique evaluation done at midterm | 90% of the students will score 75% or above on the evaluation |

ADA Statement: No qualified individual with a disability shall, by reason of such disability, be excluded from participation in or be denied the benefits of the services, programs, or activities of the College District, or be subjected to discrimination by the College District. Nor shall the College District exclude or otherwise deny equal services, programs, or activities to an individual because of the known disability of an individual with whom the individual is known to have a relationship or association. 42 U.S.C. 12132; 28 CFR 35.130(g).

See at: [GL \(Legal\)](#)

Special Needs Services: Students with special needs, including physical and learning disabilities, who wish to request accommodations in this course should contact the Student Development Office as soon as possible to make arrangements; this should occur no later than the second week of class or as soon as the student has the documentation on the disability and requested accommodation per a certified medical or psychological professional. In accordance with federal law, a student requesting accommodations must provide documentation of disability to the Student Development Advisor.

For more information, contact: in Alice at sdalice@coastalbend.edu; Beeville at sdbeeville@coastalbend.edu; Kingsville at sdkingsville@coastalbend.edu; and Pleasanton at sdpleasanton@coastalbend.edu.

Academic Dishonesty: Each student is charged with notice and knowledge of the contents and provisions of Coastal Bend College’s rules and regulations concerning student conduct. All students shall obey the law, show respect for properly constituted authority, and observe correct standards of conduct. Scholastic dishonesty shall constitute a violation of these rules and regulations and is punishable as prescribed by Coastal Bend College Policies FLB (Local) and FM (Local). Scholastic dishonesty shall include, but not be limited to, cheating on a test, plagiarism, and collusion.

See at: [FLB \(Local\)](#) and [FM \(Local\)](#).

See the [Student Handbook](#) for further explanation of Scholastic Dishonesty.

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Questions regarding this information should be directed to the Director of Library Services at: library@coastalbend.edu or the Office of Marketing and Public Relations at: socialmedia@coastalbend.edu.

NOTE: The College website (www.coastalbend.edu) serves as the main source with the most current version of the Coastal Bend College Board Policies and the Coastal Bend College Catalog.