



Course Syllabus

**Principles of Radiographic Imaging I
RADR1213**

******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:

Radiographic image quality and the effects of exposure variables.

Semester Hours Credit:

2 Semester Credit Hours

Spring MW

Lecture/Lab Hours:

(2-0-0)

Prerequisite:

RADR1201

Textbook(s):

RADIOLOGIC SCIENCE FOR TECHNOLOGISTS, 10th Edition, Stewart C. Bushong ISBN # 9780323081351

Workbook and Laboratory Manual Radiologic Science for Technologists, 10th Edition, Stewart C. Bushong ISBN # 9780323081375

Student Learning Outcomes:

1. Utilize critical thinking skills to apply the basic principles of radiographic image acquisition to image quality
2. Utilizing empirical and quantitative skills to analyze the effects of exposure variables upon image quality.

Evaluation Methods:

Tests and Attendance

Student Learning Outcomes Assessment:

| SLO | Assessment Method | Target |
|---|---|---|
| Utilize critical thinking skills to apply the basic principles of radiographic image acquisition to image quality | Assessment for this SLO will be using the Chapter examination on x-ray production and interaction, the first test of the semester | 90% of the students will score 75% or better on the examination |
| Utilizing empirical and quantitative skills to analyze the effects of exposure variables upon image quality | Assessment of this SLO will be the chapter examination regarding image quality, the second test of the semester | 90% of the students will score 75% or better on the examination |

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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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.