



Course Syllabus

**Introduction to Radiography
RADR1201**

******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: ltryan@coastalbend.edu

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

Course Description:

An overview of the historical development of radiography, basic radiation protection, an introduction to medical terminology, ethical and legal issues for health care professionals, and an orientation to the profession and to the health care system. Patient assessment, infection control procedures, emergency and safety procedures, communication and patient interaction skills, and basic pharmacology are also included.

Semester Hours Credit:

2 semester credit hours

Fall MW

Lecture/Lab Hours:

(2-0-0)

Prerequisite:

Acceptance into the program

Textbook(s):

INTRODUCTION TO RADIOLOGIC SCIENCES AND PATIENT CARE, 6th Ed., Adler & Carlton. ISBN # 9780323315791

Student Learning Outcomes:

1. Utilize communication skills to define basic medical terms; identify ethical and legal standards; explain basic radiation protection practices
2. Utilize personal and social responsibility to assess patient condition; describe infection control procedures; recognize and respond to emergency situations
3. Utilize critical thinking skills to identify relevant pharmaceuticals and their applications.



Evaluation Methods:

Tests, projects, and attendance

Student Learning Outcomes Assessment:

SLO	Assessment Method	Target
Utilize communication skills to define basic medical terms; identify ethical and legal standards; explain basic radiation protection practices	Assessment for this SLO will be the examination for the first chapter examination of the semester	90% of the students will score 75% or above on the examination
Utilize personal responsibility to assess patient condition; describe infection control procedures; recognize and respond to emergency situations	Assessment of this SLO will be conducted using the chapter examination on infectious control procedures	90% of the students will score 75% or above on the examination
Utilize social responsibility to assess patient condition; describe infection control procedures; recognize and respond to emergency situations	Assessment of this SLO will be conducted using the oral presentations each student presents on different patient conditions and situations	90% of the students will score "Acceptable" on the evaluation form
Utilize critical thinking skills to identify relevant pharmaceuticals and their applications.	Assessment of this SLO will be conducted using the chapter examination on pharmaceuticals	90% of the students will score 75% or above 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.

Copyright Law and Intellectual Property Rights Policy: Copyright is the right of an author, artist, composer or other creator of a work of authorship to control the use of his or her work by others. Protection extends to literary works, musical works, dramatic works, pantomimes and choreographic works, pictorial and graphic works, sculpture, motion pictures and other audiovisual works, sound recordings and architectural works. Generally speaking, a copyrighted work may not be reproduced by others without the copyright owner's permission. The public display or performance of copyrighted works is similarly restricted. Generally, the unauthorized reproduction, performance or distribution of a copyrighted work is copyright infringement and may subject the infringer to civil and criminal penalties. The Fair Use Doctrine outlines exceptions to this Law and is outlined in Coastal Bend College Policy, [CT \(Legal\)](#).

Coastal Bend College, its faculty, students and employees must comply with Copyright Law. Detailed information on Copyright Law and Intellectual Property Rights is available in Coastal Bend College Policy [CT \(Legal\)](#) and [CT \(Local\)](#).

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.

Intellectual Property: Student /Third Party Works: Rights to copyrightable or patentable works created by a student or a third party, that is, not a College District employee, shall reside with the author/ creator. Detailed information on Copyright Law and Intellectual Property Rights is available in Coastal Bend College Policy [CT \(Legal\)](#) and [CT \(Local\)](#).

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.