



RADR 1309
Introduction to Radiography and Patient Care
Fall 2023
Tuesday 9 am – 12 pm

Instructor's name, email, and phone number

- Laura Schrettner
- lschrettner@com.edu
- 409-933-8681

Student hours and location

- Monday 10am - 12pm Room 225-51 or via Teams
- Thursday 9am - 11am Room 225-51 or via Teams

Required textbooks/material

- *Introduction to Radiologic and Imaging Sciences and Patient Care*
 - Arlene Adler, Richard Carlton, Kori Stewart
 - ISBN: 978-0-323-87220-1
 - You may purchase a hardback copy or use a digital copy.
- *Medical Terminology*
 - Stacey Grimm; Coleen Allee; Elaine Strachota; Laurie Zielinski; Traci Gotz; Micheal Randolph; and Heidi Belitz
 - Open Education Resource, online through our Library.
 - This is an openly licensed course that is aligned with the [Medical Terminology open textbook](#) and [student companion](#) created by a work group from within the Wisconsin Technical College System.

Concise course description and outcomes (catalog description acceptable)

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

Course Requirements

- Attend all classes.
- Complete all exams and assignments.
- Participate in class activities and labs.
- Participate in group activities.

Determination of Course Grade/Grading Formula

The Radiologic Technology program utilizes this course grading scale:

- 92-100 = A
- 80-89 = B
- 75-79 = C

Make-Up Policy

Late assignments are not accepted for any course in the Radiologic Technology Program. Students are responsible for completing all assignments and are responsible for any course content missed by absence or tardiness.

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.

Attendance Policy

Students are required to attend and participate in every session of all classes for which they are registered. Regular attendance is a critical component to 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 didactic and lab classes.

Excessive absences (including arriving late and leaving early) prevents the student from meeting the objectives of the course and the Program. If a student is absent, they must contact the faculty before the start of class and explain the situation. A student who misses more than 2 class periods will be given a written warning for excessive absences. A student who misses 3 or more class periods is considered unable to complete the program objectives and can be removed from the class by an instructor-initiated withdrawal.

If two or more consecutive days are missed, an official note from your healthcare provider must be provided to return to the clinical environment.

Students cannot attend a clinical rotation on any non-scheduled day, holidays, or outside of the course dates.

A student who is more than twice tardy for a course will be given a written warning. A tardy in a didactic class is arriving 5 minutes or more after the scheduled start time and/or leaving the class before the end of the scheduled time (unless dismissed early by the instructor). Arriving on time to class will be a requirement of the remediation plan. A student who cannot successfully complete a remediation plan due to excessive tardiness, can be removed from the class by an instructor-initiated withdrawal.

Extenuating Circumstances can be discussed with Program faculty.

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.

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 this course is November 28.

Communicating with your instructor

- All electronic communications with your 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.
- The best way to get a hold of me is through my school email - lschrettner@com.edu. If this is an emergency (such as you are in the clinical site and ran over your toe with the portable, and broke your toe), please text me so I can get back to you sooner (281-968-1626). You may also contact me through your course mailbox.
- If you are contacting me regarding a particular course, and you use the school email, please be sure to tell me which course it is.
- Student Lounge - Here is where you can ask questions of each other. If you do not understand a concept, post your questions here and a peer can answer you with their knowledge. This way you can learn from each other. You can also ask simple questions such as "when is". I will monitor this, so if you do not get a response from a peer, I can help you.
- Office Hours are Monday 10am - 12pm Room 225-51 or via Teams (2023 Cohort), and Thursday 9am - 11am Room 225-51 or via Teams (2023 Cohort).
- If I am with a student, you will need to wait in the lobby.
- I will respond to emails within 48 hours, Monday through Friday. I check my emails various times throughout the day Monday through Friday, during regular business hours.

Academic Success & Support Services:

College of the Mainland is committed to providing students with 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.

Success Tips for Students

- [7 habits of highly successful students](#)
- [7 habits of highly performing students](#)

- [Brightspace D2L videos](#)

ADA Statement

Any student with a documented disability needing academic accommodation is requested to contact Kimberly Lachney at 409-933-8919 or klachney@com.edu. The Office of Services for Students with Disabilities is in the Student Success Center.

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.

Classroom Conduct Policy statement

Students are expected to act professionally and respect the thoughts and ideas of others. Please refer to the Radiologic Technology student handbook.

Academic Dishonesty statement

Academic Dishonesty: Any incident of academic policy will be dealt with in accordance with college policy and the Student Handbook. Academic dishonesty – such as cheating on exams is an extremely serious offense and will result in a grade of zero on that exam and 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.

Plagiarism statement

Plagiarism is using someone else's words or ideas and claiming them as your own. Plagiarism is a very serious offense. Plagiarism includes paraphrasing someone else's words without giving proper citation, copying directly from a website, and pasting it into your paper, using someone else's words without quotation marks. Any assignment containing any plagiarized material will receive a grade of zero and the student will be referred to the Office of Student Conduct for appropriate discipline action. Links to resources about avoiding plagiarism:

- [Purdue OWL](#)
- [Excelsior OWL](#)
- [YouTube UMass Dartmouth](#)

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](#). *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.

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 use our [community resources](#). 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 or communityresources@com.edu.

Concerns/Questions Statement

Please contact the instructor regarding any issues or concerns about the course.

College of the Mainland is committed to providing an educational climate that is conducive to the personal and professional development of everyone. To ensure our commitment, the College has developed procedures for students to address their concerns within the college community. A student who has an unresolved disagreement with a faculty or staff member, another student, a student group, or dissatisfaction with the service received may initiate a complaint without prejudicing his or her status with the College. Please review the Radiologic Technology Student Handbook and the [COM Student Handbook](#) for the process.

Outcomes and Objectives Mapping

Student Learning outcome	Maps to Core Objective	Assessed with this assignment
Define basic medical terms Identify ethical and legal standards	Apply the knowledge and skills to be a clinically competent entry-level radiographer	Module 6 Exam
Explain basic radiation protection practices	Students will employ effective communication skills	Module 4 Exam
Assess patient condition	Students will demonstrate independent critical thinking and problem-solving skills	Vital Signs Skills Competency
Describe infection control procedures	Apply the knowledge and skills to be a clinically competent entry-level radiographer	Aseptic Technique Skills Competency
Recognize and be able to respond to emergency situations	Students will demonstrate independent critical thinking and problem-solving skills	Module 5 Exam
Identify relevant pharmaceuticals and their applications	Apply the knowledge and skills to be a clinically competent entry-level radiographer	Module 7 Exam
Describe basic medical equipment operations	Apply the knowledge and skills to be a clinically	Patient Transport Skills Competency

	competent entry-level radiographer	
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Student services

[Counseling](#)

Counseling Services offers free academic and personal counseling. Workshops and individual sessions are available to assist students in recognizing and resolving academic and personal concerns. Students who may need assistance with goal setting, problem solving, study skills, motivation, or communicating effectively are encouraged to access services in the Student Success Center located on the first floor of the Doyle Family Administration Building.

[Tutoring](#)

Tutoring is available for Math, Science, and writing and is available face-to-face, online, or by eTutoring sessions.

[Disability Services](#)

Accommodation is available to COM students with documented disabilities. To request accommodations, contact the Office for Students with Disabilities, located in the Student Success Center on the first floor of the Doyle Family Administration Building.

[COM Library Radiologic Technology Page](#)

CM Library staff have created a webpage of resources, just for you.

[Library](#)

The library hosts a variety of resources for students, including books, journals, and learning material. The library also hosts a computer lab accessible to students.

[Trio-Student Support Services](#)

TRIO-Student Support Services (TRIO-SSS) is a federally funded grant program through the U.S. Department of Education that provides support for students in meeting their academic, personal, career and other education-related goals.

Disclaimers / Additional Policies

Course policies and schedule are subject to change. It is the student's responsibility to check Brightspace/D2L for corrections or updates to the syllabus. Any changes will be posted in Brightspace/D2L.

The Radiologic Technology Program courses build upon each other. The ARRT board exam covers ALL content taught in the program. In each course, there will be test questions from prior modules within the course, as well as prior classes.

Please refer to the Radiologic Technology Student Handbook for more information on specific program policies.

Course schedule

Week	Content	Assignments
Week 1	Orientation to the course Handbook review Chapter 1 (I) - Introduction to Radiation Sciences	Module 0 Self-check Quiz Syllabus Quiz Handbook Quiz Self-Check Quiz
Week 2	Chapter 2 (I) - Professional Organizations Chapter 1, 2 (M) - Identifying Word Parts and Identifying medical language. Handbook review	Self-Check Quiz Review Questions
Week 3	Module 1 Exam Chapters 3, 4 (I) - Educational Survival Skills and Critical Thinking Chapters 3, 4, 5 (M) - Integumentary, Respiratory, and Urinary system	Exam Module 1 Self-Check Quiz Review Questions
Week 4	Chapter 5, 6 (I) - Introduction to Clinical Education and Radiology Administration Clinical Expectations Trajecsys Training	Self-Check Quiz Review Questions
Week 5	Exam Module 2 Chapters 11, 12, 13 (I) - Patient Interactions, History Taking, Biomechanics Chapters 6, 7, 8 (M) - Male and Female reproductive system and Obstetrics	Exam Module 2 Review Questions
Week 6	Chapters 11, 12, 13 (I) - Patient Interactions, History Taking, Biomechanics	Self-Check Quiz Review Questions
Week 7	Exam Module 3 Chapters 7, 8 (I) - Radiographic Imaging and Equipment Chapters 9, 10 (M) - Cardiovascular system	Exam Module 3 Self-Check Quiz Review Questions
Week 8	Chapter 10 (I) - Diversity	Self-Check Quiz Review Questions
Week 9	Exam Module 4 Chapters 20 (I) -Medical Emergencies Chapters 11, 12 (M) - Lymphatic, Immune, and Digestive System	Exam Module 4 Self-Check Quiz Review Questions
Week 10	Chapters 14, 15 (I) 0 Immobilization techniques and vital signs	Self-Check Quiz Review Questions
Week 11	Exam Module 5 Chapters 17, 19 (I) - Infection Control and Non-aseptic Technique Chapters 13, 14 (M) - Skeletal and Muscular System	Exam Module 5 Self-Check Quiz Review Questions
Week 12	Chapter 18 (I) - Aseptic Technique	Self-Check Quiz Review Questions

Week 13	Exam Module 6 Chapter 21 (I) - Pharmacology Chapters 15, 16, 16 (M) - Sensory, Nervous, and Endocrine System	Exam Module 6 Self-Check Quiz (please note the due date is different for Unit 13 Quiz). Review Questions Draft diversity presentations due and reviewed
Week 14	Chapters 24, 25 (I) - Professional Ethics and Health Information	Self-check quiz Review Questions
Week 15	Diversity Presentation Exam Module 7	Diversity presentation due Exam Module 7
Week 16	Final Exam	