



MASTER COURSE OUTLINE

A. RADT 1200 Introduction to Radiologic Technology

B. COURSE DESCRIPTION:

This course will introduce the student to the profession of Radiologic Technology. Students will learn about the organization of health-care facilities and in particular the radiology department. Understanding role of the Radiologic Technologist in healthcare will be emphasized. The professional obligations and behaviors of health-care workers will be discussed. Radiography education programs, curriculum, and certification will also be discussed. A goal of this course is to generate interest in becoming a radiologic technologist. **(1 Cr - 1 lect, 0 lab)**

C. **Core Theme: Critical Thinking

D. RIVERLAND INSTITUTIONAL LEARNING OUTCOMES:

This course addresses the following Riverland Institutional Learning Outcome(s):

- ILO 1: critical thinking (*Core Theme Goal 2*)
- ILO 2: awareness of the larger global community (*Core Theme Goal 7 or Goal 8*)
- ILO 3: ethical, engaged citizenship (*Core Theme Goal 9 or Goal 10*)
- ILO 4: communication and collaboration (*Discipline Goal 1 and by any learning outcome(s) involving communication or collaboration*)

E. MAJOR CONTENT AREAS:

- Becoming a Radiologic Technologist
- Evolution of Health Care Delivery
- Radiology: A Historical Perspective
- Practicing the Profession
- Imaging Equipment
- Ethics and Professionalism
- Patient Care and Management
- Medicolegal Considerations
- Continuing Education for Radiologic Technologists

F. GOAL TYPE, OBJECTIVES, AND OUTCOMES:

<u>GOAL TYPE</u>	<u>OBJECTIVES</u> Students will be able to	<u>OUTCOMES</u> The student will successfully
<u>**Critical Thinking</u>	analyze the logical connections among the facts, goals, and implicit assumptions relevant to a problem or claim; generate and evaluate implications that follow from them.	1. write an analysis on the steps of becoming a radiologic technologist, practicing the profession, and how to grow with the profession.
<u>CS</u>	identify key components of patient care.	1. describe the hospital and clinic environment.
<u>CS</u>	explore different types of radiology equipment and examinations.	1. describe the various types of equipment within the lab and common exams in the radiology department.
<u>CS</u>	understand the ethical component of patient care and the professionalism required. Legal issues will also be discussed.	1. describe basic ethics and personal actions related to medico-legal issues.
<u>CS</u>	describe the six semester, 83-credit, program of study required to complete the Radiography Program at Riverland.	1. apply successfully to the Radiography Program, meet prerequisites, and adhere to deadline dates.

G. SPECIAL INFORMATION:

This course requires the use of the Internet, the submission of electronically prepared documents and the use of a course management software program. Students who have a disability and need accommodations should contact the instructor or the Student Success Center at the beginning of the semester. This information will be made available in alternative format, such as Braille, large print, or current media, upon request.

H. COURSE CODING INFORMATION: Course Code A/Class Maximum 48; Letter Grade

Revision date: 04/05/22

AASC Approval date: 12/17/19; 05/03/22

*Riverland Community College Disciplines	MnTC Goal Number
Communication (CM)	1
Natural Sciences (NS)	3
Mathematics/Logical Reasoning (MA)	4
History and the Social & Behavioral Sciences (SS)	5
Humanities and Fine Arts (HU)	6

**Riverland Community College Core Themes	MnTC Goal Number
Critical Thinking (CT)	2
Human Diversity (HD)	7
Global Perspective (GP)	8
Ethical and Civic Responsibility (EC)	9
People and the Environment (PE)	10

*These five MnTC Goals have been identified as Riverland Community College Disciplines.

** These five MnTC Goals have been identified as Riverland Community College Core Themes.

NOTE: The Minnesota Transfer Curriculum “10 Goal Areas of Emphasis” are reflected in the five required discipline areas and five core themes noted in the Riverland Community College program of study guide and/or college catalog.

Riverland