



MASTER COURSE OUTLINE

A. DMSG 2407 Sonography Board Reviews & Professional Preparation

B. COURSE DESCRIPTION:

This course will help students prepare to take the American Registry for Diagnostic Medical Sonography (ARDMS) specialty examinations in Physics, Abdomen and OB/GYN in a simulated atmosphere. It is designed to be used as an addition to students' regular study and as a method to determine their strengths and weaknesses so that they can study more effectively. This course will cover test taking skills and preparation on the computer. Students will be able to better recognize pathology through case study presentations. Prerequisite(s): DMSG2425.

(2 Cr – 2 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 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:

- ARDMS Outline
- Abdominal mock registry
- OB/GYN mock registry
- Self-assessment
- Sonography review books
- Ultrasound physics mock registry

F. GOAL TYPE, OBJECTIVES, AND OUTCOMES:

<u>GOAL TYPE</u>	<u>OBJECTIVES</u>	<u>OUTCOMES</u>
	Students will be able to	The student will successfully
<u>*Critical Thinking</u>	gather factual information and apply it to a given problem in a manner that is relevant, clear, comprehensive, and conscious of possible bias in the information selected.	apply test taking strategies to successfully complete registry exams and specialty exams.
<u>CS</u>	- complete diagnostic pre-tests and self-assessment tools to evaluate content mastery. - analyze personal performance data to determine strong and weak knowledge areas. - interpret trends in test results to guide individualized study planning. - prioritize study topics based on identified weaknesses.	identify testing strengths and weaknesses through self-assessment.
<u>CS</u>	- complete computerized mock exams under simulated testing conditions. - demonstrate proper use of exam interface tools such as navigation, flagging questions, and review options. - review mock exam results to determine accuracy, pacing, and performance by content category. - develop a performance-improvement plan based on exam-result analysis.	- perform mock examinations in a simulated exam room on a computer. - evaluate mock examination results.
<u>CS</u>	- explore various study methods such as spaced repetition, active recall, concept mapping, and practice-based learning. - select techniques that best support personal learning style and study needs. - create a structured study schedule incorporating new methods and strategies. - implement and evaluate study and test-taking techniques for effectiveness over time.	develop new study techniques and test taking techniques.

G. SPECIAL INFORMATION:

This course may require 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 Accessibility Services 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 X/Class Maximum 20; Letter Grade

Revision date:

AASC Approval date: 05/12/26

*These five MnTC Goals have been identified as Riverland Community College Core Themes. Every course in the Riverland Community College curriculum shall meet outcomes from one of these themes.

**These five MnTC Goals have been identified as Riverland Community College Disciplines. Riverland's MnTC courses also shall meet outcomes from a Discipline Area.

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

**Riverland Community College Discipline Areas	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