



## MASTER COURSE OUTLINE

### A. HCNA 1210 Medication Aide

### B. COURSE DESCRIPTION:

This course emphasizes the role of the trained medication aide as a valuable member of any health care team. This course focuses on legal mandates for medications and proper administration in various routes utilizing the “rights” and three safety checks of medication administration.

This course introduces basic terminology related to medication administration and introduction to the Davis Drug Guide. The course will focus on medication actions, safe dose ranges, adverse reactions, and impact on body systems. Students will apply classroom learning and practice on manikins in the lab. This course will enable the hands-on application to promote safe medication administration. Upon successful completion of the classroom/lab studies, the student will be eligible for competency testing.

Prerequisite: To enroll in this class, you must be active on the MN Nursing Assistant Registry providing proof of completion of an approved MN Nursing Assistant training program. Students that transferred in from another state or challenge tested are not eligible. It is recommended that you work as a certified nursing assistant six months before taking this course. Students must be 18 years of age to enroll in this course.  
**(2 Cr – 1 lect, 1 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:

- Explain medication administration guiding principles utilizing drug references
- Explain drug administration legal requirements
- Describe body system anatomy, physiology, and pathology

- Describe medication forms/dosages/identifying safe ranges
- Define medication terminology/abbreviations/symbols
- Interpret physician's medication orders
- Describe drug classifications
- Describe intended medication efforts
- Describe drug side effects/adverse reactions and special considerations
- Describe and demonstrate medication administration routes: oral, topical, eye, ear and rectal
- Describe medication charting, error prevention, and reporting procedures
- Demonstrate medication error reporting procedures

F. GOAL TYPE, OBJECTIVES, AND OUTCOMES:

<u>GOAL TYPE</u>	<u>OBJECTIVES</u>	<u>OUTCOMES</u>
<u>*Critical Thinking</u>	<b>Students will be able to:</b> 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.	<b>The student will successfully:</b> 1. identify age-related concerns specific to medication administration and the process of pharmacokinetics as it relates to adult, pediatric, and geriatric patients.
<u>CS</u>	understand medication names and manufacturing.	1. state the different forms in which medication can be manufactured. 2. recognize the same medication may have different names and abbreviations. 3. explain how to read a medication label.
<u>CS</u>	understand the principles of safe medication administration.	1. utilize the safety checks of medication administration when interacting with a patient in the lab. 2. explain and demonstrate the six rights of medication administration; right patient, medication, dose, route, time and documentation. 3. state the ways to measure medications in metric and household system. 4. demonstrate correct documentation for medication administration. 5. list necessary steps for medication administration errors.
<u>CS</u>	identify information needed about the patient prior to medication administration.	1. describe the needed information to gather before administering medications and identify which need to be conveyed to the nurse. 2. list factors that may affect how the body uses medication.
<u>CS</u>	utilize pharmacology resources such as a drug reference guide.	1. identify the classifications of medications including; indication for use, desired effects, and adverse reactions. 2. list different effects medications can cause, locally and systemically.

## 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: 12/20/19; 10/26/21; 03/03/26

AASC Approval date: 01/28/20; 11/16/21; 03/17/26

\*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.

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

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