

# WESTERN DAKOTA TECHNICAL COLLEGE

## ALLIED HEALTH

### Associate of Applied Science, 60-62 Credit Hours, 18-21 Month Program

The Allied Health Associate of Applied Science degree provides students an enhancement of health care and general education competencies and may allow for future educational and workplace advancement.

Course	No.	Course Title	Credits
<b>General Education Requirements</b>			
CHEM	106	CHEMISTRY SURVEY	3
CHEM	106L	CHEMISTRY SURVEY LAB	1
ENGL	101	COMPOSITION I*	3
MATH	101	INTERMEDIATE ALGEBRA** <i>or higher</i>	3
PSYC	101	GENERAL PSYCHOLOGY	3
SOC	100	INTRODUCTION TO SOCIOLOGY	3
<b>Total General Education Requirements</b>			<b>16</b>
<b>Technical Requirements</b>			
HC	114	ANATOMY & PHYSIOLOGY FOR THE HEALTH PROFESSIONS	3
HC	135	MEDICAL LAW AND ETHICS <i>online</i>	2
HC	200	PHARMACOLOGY FOR HEALTHCARE <i>online</i>	3
HC	205	PROFESSIONALISM IN HEALTHCARE <i>online</i>	1
HC	213	MEDICAL TERMINOLOGY I	3
HC	225	PATHOPHYSIOLOGY <i>online</i>	3
MDS	130	MEDICAL COMPUTERIZED APPLICATIONS	3
MICR	231	GENERAL MICROBIOLOGY	3
MICR	231L	GENERAL MICROBIOLOGY LAB	1
<b>Total</b>			<b>22</b>
<b>Electives (22-24 credits required)</b>			
ACCT	120	PRINCIPLES OF ACCOUNTING I	3
ACCT	228	QUICKBOOKS ACCOUNTING	3
BUS	162	PROJECT MANAGEMENT	3
BUS	210	SUPERVISORY MANAGEMENT	3
CMST	101	FOUNDATIONS OF COMMUNICATION	3
CSC	105	MICROCOMPUTER SOFTWARE APPLICATIONS I	3
ECON	202	PRINCIPLES OF MACROECONOMICS <i>online</i>	3
EMS	101	EMERGENCY MEDICAL TECHNICIAN	6
HC	116	ANATOMY & PHYSIOLOGY FOR THE HEALTH PROFESSIONS LAB	1
HC	124	INTRODUCTION TO PATIENT CARE <i>online</i>	1
HC	126	INTRODUCTION TO PATIENT CARE LAB AND CLINICAL	2
MATH	114	COLLEGE ALGEBRA***	3
MATH	120	TRIGONOMETRY	3
MDS	175	RECORDS MANAGEMENT	3
<b>Total Requirements for AAS (minimum)</b>			<b>60-62</b>

\*Prerequisite: Acceptable ACCUPLACER score or Basic Writing.

\*\*Prerequisite: Acceptable ACCUPLACER score or Elementary Algebra.

\*\*\* Prerequisite: Acceptable ACCUPLACER score or Intermediate Algebra.

Semester breakdown on next page

2024-2025 Academic Catalog – 6/2024

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## Semester Breakdown

First Semester <sup>1</sup>			Second Semester		
		CR			CR
ENGL 101	Composition I	3	HC 205	Professionalism in Healthcare <i>online</i>	1
HC 114	Anatomy & Physiology for the Health Professions	3	SOC 100	Introduction to Sociology Elective (see list)	3 10-12
HC 213	Medical Terminology I	3			
MATH 101	Intermediate Algebra <i>or higher</i>	3			
PSYC 101	General Psychology	3			
<b>Total Credit Hours</b>		<b>15</b>	<b>Total Credit Hours</b>		<b>14-16</b>
Third Semester			Fourth Semester		
		CR			CR
HC 135	Medical Law and Ethics <i>online</i>	2	CHEM 106	Chemistry Survey	3
MDS 130	Medical Computerized Applications	3	CHEM106L	Chemistry Survey Lab	1
MICR 231	General Microbiology	3	HC 200	Pharmacology for Healthcare <i>online</i>	3
MICR 231L	General Microbiology Lab Elective (see list)	1 6	HC 225	Pathophysiology <i>online</i> Elective (see list)	3 6
<b>Total Credit Hours</b>		<b>15</b>	<b>Total Credit Hours</b>		<b>16</b>

<sup>1</sup>Note: All first semester classes, as well as HC 124 and HC 126 or proof of current CNA certification are prerequisite requirements needed to apply to the LPN Program. All courses must be completed with a C or higher.

NOTE: CHEM 106, CHEM 106L, CMST 101, MATH 114, MICR 231/231L, and SOC 100 are General Education requirements for the RN Program and must be completed with a C or higher (see Registered Nursing catalog page)

## ALLIED HEALTH - WITH EMPHASIS OPTION

Students entering or who have completed healthcare diploma programs such as Dental Assisting, Medical Assisting, Phlebotomy/Laboratory Assistant, or Practical Nursing also have the option of pursuing an Associate of Applied Science in Allied Health. Diploma program requirements must be met, along with Allied Health General Education Requirements and Emphasis Option Electives to meet a minimum of 60 credit hours.<sup>3</sup>

Course	No.	Course Title	Credits
<b>Emphasis Option Electives</b>			
CMST	101	FOUNDATIONS OF COMMUNICATION	3
HC	114	ANATOMY & PHYSIOLOGY FOR THE HEALTH PROFESSIONS	3
HC	124	INTRODUCTION TO PATIENT CARE <i>online</i>	1
HC	126	INTRODUCTION TO PATIENT CARE LAB AND CLINICAL	2
HC	135	MEDICAL LAW AND ETHICS <i>online</i>	2
HC	200	PHARMACOLOGY FOR HEALTHCARE <i>online</i>	3
HC	213	MEDICAL TERMINOLOGY I	3
HC	225	PATHOPHYSIOLOGY <i>online</i>	3
MATH	114	COLLEGE ALGEBRA***	3
MDS	130	MEDICAL COMPUTERIZED APPLICATIONS	3
		OTHER REGISTRAR APPROVED ELECTIVES	#
<b>Total Requirements for AAS (minimum)</b>			<b>60</b>

<sup>3</sup>Note: See the Registrar's Office to determine the appropriate plan of study.

\*\*\* Prerequisite: Acceptable ACCUPLACER score or Intermediate Algebra.

For information on Diploma program requirements, see:

**DENTAL ASSISTING  
MEDICAL ASSISTING  
PHLEBOTOMY/ LABORATORY ASSISTANT  
PRACTICAL NURSING**

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