

The certificate of proficiency and the technical certificate programs give the student the opportunity to earn certificates while completing steps toward an Associate of Applied Science degree.

2022-2023



**TECHNICAL CERTIFICATE PLAN  
HEALTH SCIENCES**

**Degree Code: 4530; CIP Code: 51.0904**

All technical certificate-seeking students must meet the freshman assessment and placement requirements. If deficiencies exist, the student must complete the required CPT courses.

**A 2.0 GPA is required for graduation from the  
Technical Certificate in Health Sciences program.**

**ATTENTION STUDENTS: PLEASE SEE CURRENT CATALOG FOR  
ALL FEES AND CHARGES ASSOCIATED WITH THIS CERTIFICATE.**

This program is designed to prepare students for a variety of positions in the field of healthcare. Students should work with their advisor to design an individualized program of study in order to meet specific career goals.

**Student Learning Outcomes for TC Health Sciences Program**

1. Apply principles of math and sciences appropriate to the study of Health Sciences.
2. Demonstrate both oral and written communication skills.
3. Evaluate diverse perspectives and cultures.
4. Utilize technology appropriate to the study of Health Sciences.

Name: \_\_\_\_\_  
Advisor: \_\_\_\_\_

Date: \_\_\_\_\_  
Student ID# \_\_\_\_\_

<u>COURSE CODE</u>	<u>COURSE NAME</u>	<u>CREDIT HOURS</u>	<u>HOURS COMPLETED</u>
<b>General Education (15 credit hours)</b>			
CIS 1053	Computer Essentials, <b>OR</b>		
CIS 1203	Introduction to Computers	3	_____
ENG 1003	Composition I (must earn a "C" or better)	3	_____
ENG 1013	Composition II (must earn a "C" or better)	3	_____
MATH 1113	Applied Math or higher-level mathematics course	3	_____
PSY 2513	Introduction to Psychology, <b>OR</b>		
SOC 2213	Principles of Sociology, <b>OR</b>		
HIST 2763	The United States to 1876, <b>OR</b>		
HIST 2773	The United States since 1876, <b>OR</b>		
POSC 2103	United States Government	3	_____
<b>Health Sciences Education Core (16 credit hours) (Select 4 courses)</b>			
<b>Choose 16 hours from this list:</b>			
BIOL 1004	Biological Science & Lab	4	_____
This course also fulfilled by successfully completing these two course numbers: BIOL 1003 <u>and</u> BIOL 1001. Course used as a prerequisite for BIOL 2004 Human Anatomy and Physiology and Lab I.			
BIOL 1024	Human Anatomy and Physiology for Healthcare Professions & Lab	4	_____
This course also fulfilled by successfully completing these two course numbers: BIOL 1023 <u>and</u> BIOL 1021.			
BIOL 2004	Human Anatomy and Physiology I & Lab	4	_____
This course also fulfilled by successfully completing these two course numbers: BIOL 2203 <u>and</u> BIOL 2201.			
BIOL 2014	Human Anatomy and Physiology II & Lab	4	_____
This course also fulfilled by successfully completing these two course numbers: BIOL 2223 <u>and</u> BIOL 2221.			
BIOL 2104	Microbiology & Lab	4	_____
This course also fulfilled by successfully completing these two course numbers: BIOL 2103 <u>and</u> BIOL 2101.			
CHEM 1064	Chemistry for Healthcare Professions and Lab	4	_____
This course also fulfilled by successfully completing these two course numbers: CHEM 1063 <u>and</u> CHEM 1061.			
CHEM 1014	General Chemistry I & Lab	4	_____
This course also fulfilled by successfully completing these two course numbers: CHEM 1013 <u>and</u> CHEM 1011.			
CHEM 1024	General Chemistry II & Lab	4	_____
This course also fulfilled by successfully completing these two course numbers: CHEM 1013 <u>and</u> CHEM 1011.			
CHEM 1034	Introduction to Organic and Biochemistry and Lab	4	_____
This course also fulfilled by successfully completing these two course numbers: CHEM 1033 <u>and</u> CHEM 1031.			

<u>COURSE CODE</u>	<u>COURSE NAME</u>	<u>CREDIT HOURS</u>	<u>HOURS COMPLETED</u>
PHYS 1104	Physics for Healthcare Professions & Lab This course also fulfilled by successfully completing these two course numbers: PHYS 1103 <u>and</u> PHYS 1101.	4	_____
PHYS 1204	Physical Science & Lab This course also fulfilled by successfully completing these two course numbers: PHYS 1203 <u>and</u> PHYS 1201.	4	_____
PHYS 2054	General Physics I & Lab This course also fulfilled by successfully completing these two course numbers: PHYS 2053 <u>and</u> PHYS 2051.	4	_____
PHYS 2064	General Physics II & Lab This course also fulfilled by successfully completing these two course numbers: PHYS 2063 <u>and</u> PHYS 2061.	4	_____

**Program Total 31 Hours**