

# HEALTH CARE FOUNDATIONS (CERTIFICATE)

**Catalog Effective Term:** Fall 2024

**Program Code:** CTHCF

**Credential:** Certificate

*High Demand Occupation*

This program helps students acquire basic knowledge and skills in math, foundational sciences, healthcare terminology and general education courses. The certificate fulfills major pre-admission requirements for Nursing, Physical Therapist Assistant, Radiography, Surgical Technology and general education requirements for an Associate in Applied Science degree. It provides students applying for a "high demand" healthcare associate's degree program with a certificate for the completion of most general education and/or pre-admission course requirements of the intended program. Students who plan to enter healthcare programs are encouraged to contact a counselor and enroll in the Healthcare Exploration course.

Complete one of the following concentrations:

- Nursing Intent
- Physical Therapist Assistant Intent
- Radiography Intent
- Surgical Technology Intent
- No Specialty

*Math requirements vary dramatically from concentration to concentration. Please see an advisor for assistance with selecting an appropriate math course.*

## Health Care Foundations Concentrations Nursing Intent Concentration (PNUR)

**Minimum Credits Required for the Concentration or Option: 28**

Code	Title	Credits
BIO 111	Anatomy and Physiology - Normal Structure and Function <sup>1</sup>	5
BIO 147 or BIO 237	Hospital Microbiology Microbiology	1
BIO 212	Pathophysiology: Alterations in Structure and Function	4
ENG 111 or ENG 226	Composition I Composition II	3
HSC 100	Basic Nursing Assistant Skills (or current or expired Certified Nursing Assistant (CNA) Certification) <sup>2</sup>	0
HSC 103	Healthcare Exploration	1
HSC 131	CPR/AED and First Aid	1
PHL 244	Ethical and Legal Issues in Health Care	3
PSY 206	Life Span Developmental Psychology	4
Select one of the following:		3-4
MTH 160	Basic Statistics	
Any Math Level 4 or higher course		
Select one of the following:		3

COM 101	Fundamentals of Speaking	
COM 102	Interpersonal Communication	
COM 200	Family Communication	
<b>Total Credits</b>		<b>28</b>

<sup>1</sup> CEM 101 Introductory Chemistry or high school chemistry is a required support course, with a grade of "C" or better.

<sup>2</sup> HSC 101 Healthcare Terminology is strongly recommended but not required.

## Physical Therapist Assistant Intent Concentration (PPTA)

**Minimum Credits Required for the Concentration or Option: 27**

Code	Title	Credits
BIO 111	Anatomy and Physiology - Normal Structure and Function <sup>1</sup>	5
COM 101 or COM 102	Fundamentals of Speaking Interpersonal Communication	3
ENG 111 or ENG 226	Composition I Composition II	3
HSC 101 or HSC 124	Healthcare Terminology Medical Terminology	1
HSC 103	Healthcare Exploration	1
HSC 131	CPR/AED and First Aid	1
HSC 147	Growth and Development	3
MTH 160	Basic Statistics	4
PHL 244	Ethical and Legal Issues in Health Care	3
PSY 100	Introduction to Psychology	3
<b>Total Credits</b>		<b>27</b>

<sup>1</sup> CEM 101 Introductory Chemistry or high school chemistry is a required support course, with a grade of "C" or better.

## Radiography Intent Concentration (PRAD)

**Minimum Credits Required for the Concentration or Option: 24**

Code	Title	Credits
BIO 109 or BIO 111	Essentials of Human Anatomy and Physiology <sup>1</sup> Anatomy and Physiology - Normal Structure and Function	4
COM 101 or COM 102	Fundamentals of Speaking Interpersonal Communication	3
ENG 111 or ENG 226	Composition I Composition II	3
HSC 101 or HSC 124	Healthcare Terminology Medical Terminology	1
HSC 131	CPR/AED and First Aid	1
PHL 244	Ethical and Legal Issues in Health Care	3
PSY 100 or SOC 100	Introduction to Psychology Principles of Sociology	3
RAD 100	Introduction to Diagnostic Imaging	2
Select one of the following:		4

MTH 125	Everyday College Math	
MTH 160	Basic Statistics	
Any Math Level 4 or higher course		
<b>Total Credits</b>		<b>24</b>

<sup>1</sup> CEM 101 Introductory Chemistry or high school chemistry is a required support course, with a grade of "C" or better.

## Surgical Technology Intent Concentration (PSUR)

Minimum Credits Required for the Concentration or Option: 27

Code	Title	Credits
BIO 111	Anatomy and Physiology - Normal Structure and Function <sup>1</sup>	5
BIO 237	Microbiology	4
ENG 111	Composition I	3
or ENG 226	Composition II	
HSC 101	Healthcare Terminology	1
or HSC 124	Medical Terminology	
HSC 103	Healthcare Exploration	1
HSC 131	CPR/AED and First Aid	1
PHL 244	Ethical and Legal Issues in Health Care	3
Select one of the following:		3
MTH 125	Everyday College Math	
MTH 160	Basic Statistics	
Any Math Level 4 or higher course		
Soc. Sci. Elective(s) ( <a href="https://coursecatalog.wccnet.edu/academics/general-education/#socbehavsci">https://coursecatalog.wccnet.edu/academics/general-education/#socbehavsci</a> )		3
Speech/Comp. Elective(s) ( <a href="https://coursecatalog.wccnet.edu/academics/general-education/#writing">https://coursecatalog.wccnet.edu/academics/general-education/#writing</a> )		3
<b>Total Credits</b>		<b>27</b>

<sup>1</sup> CEM 101 Introductory Chemistry or high school chemistry is a required support course, with a grade of "C" or better.

## No Specialty Concentration (OTH) - available online

Minimum Credits Required for the Concentration or Option: 24

Code	Title	Credits
ENG 111	Composition I	4
HSC 101	Healthcare Terminology	1
HSC 131	CPR/AED and First Aid	1
PHL 244	Ethical and Legal Issues in Health Care	3
Select one of the following:		4
BIO 101	Concepts of Biology	
BIO 102	Human Biology	
BIO 109	Essentials of Human Anatomy and Physiology	
BIO 111	Anatomy and Physiology - Normal Structure and Function <sup>1</sup>	
Select one of the following:		3
COM 101	Fundamentals of Speaking	
COM 102	Interpersonal Communication	
COM 200	Family Communication	

Select one of the following:		1
HSC 100	Basic Nursing Assistant Skills	
HSC 103	Healthcare Exploration	
RAD 100	Introduction to Diagnostic Imaging	

Select one of the following:		4
MTH 125	Everyday College Math	
MTH 160	Basic Statistics	
MTH 169	Intermediate Algebra	

any Math Level 4 or higher course		
Select one of the following:		3
PSY 100	Introduction to Psychology	
PSY 206	Life Span Developmental Psychology	
SOC 100	Principles of Sociology	

**Total Credits** **24**

<sup>1</sup> CEM 101 Introductory Chemistry or high school chemistry is a required support course, with a grade of "C" or better.