

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 ¹	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) ²	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	
Total Credits		28

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

² 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 ¹	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
Total Credits		27

¹ 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 ¹ 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		
Total Credits		24

¹ 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 ¹	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) (https://coursecatalog.wccnet.edu/academics/general-education/#soctbehavsci)		3
Speech/Comp. Elective(s) (https://coursecatalog.wccnet.edu/academics/general-education/#writing)		3
Total Credits		27

¹ 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 ¹	
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**

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