


## Junior Year

### Semester 1


Health Science Technology  
Health Care Core  
Foundations  
HC1525\*

Cohort Class 2 HS Semester  
Credits/4 SCC Credits

### Semester 2

Medical Terminology  
HC1000\*\*\*

Cohort Class 2 HS Semester  
Credit/3 SCC Credits

## Senior Year

**Senior Year classes can be taken during either  
semester – Fall or Spring**

### Basic Nursing



1 HS Semester Credit/1 credential  
(Nursing Assistant Registry (NAR)  
Credential Exam)



### PSEO through South Central College

Medical Office Procedures MA1020\*\*\*\*  
1 HS Semester Credit/3 SCC Credits

Chemistry for the Health Sciences CHEM110\*\*  
1 HS Semester Credits/4 SCC Credits

\*Practical Nursing Program, Health Unit Coordinator, Medical Administrative Office Specialist    \*\*Professional Nursing Program, Medical Lab Technician  
\*\*\*Health Unit Coordinator, Medical Assistant, Medical Lab Technician, Phlebotomy, Medical Administrative Office Specialist    \*\*\*\*Health Unit Coordinator,  
Medical Assistant, Medical Administrative Office Specialist

Core or Liberal Arts and Sciences Courses can be included for additional dual credits

Revised 12/12/19

# Health Science Career Academy Course Descriptions

## **Health Care Core Foundations HC1525**

**4 SCC Credits/2 HS Semester Credits**

**Prerequisite: None, Program Application Required Format: Blended**

**Fall Semester, Junior Year**

This course will focus on the requirements needed by healthcare professionals to effectively work in a variety of healthcare settings and explore workplace skills such as accountability and responsibility, workplace behavior, approaches to assist clients, and expectations of teams and team members. This course provides a framework for healthcare workers to interact with diverse clients and staff, including belief systems, cultural practices, and respect and sensitivity to cultural, gender, and age issues. Identifying elements of communication and how those elements can develop into effective communication within the healthcare setting is a key focus, as well as learning when and how to utilize those skills in challenging situations. Health care ethics will be addressed and target ethical decision-making and personal and professional values. Legal issues in healthcare will round out the course, concentrating on healthcare laws and social media in healthcare. Healthcare safety and standards precautions will be incorporated, as well as personal wellness for the healthcare professional. This course was designed as a part of the Minnesota Health Care Core Curriculum.

## **Medical Terminology HC1000**

**3 SCC Credits/2 HS Semester Credits**

**Prerequisite: None**

**Format: Blended**

**Spring Semester, Junior Year**

This course is an introduction to the language of medicine that is used in the health care profession. The student will learn to spell, pronounce, define, and interpret medical terminology related to body structure, disease, diagnosis, and treatment.

## **Basic Nursing**

**1 HS Semester Credit/Certificate**

**Prerequisite: Health Care Core Foundations**

**Format: Blended**

**Fall or Spring Semester, Senior Year**

This course meets federal and state criteria for eligibility to take the state test to become a NA-R. It introduces concepts of basic human needs, the health/illness continuum and focuses on preparing the student to safely perform basic nursing skills needed to function as a Nursing Assistant. This course is an 80-hour curriculum developed by the Minnesota State Colleges and Universities. Students participate in online curriculum studies, laboratory skills and gain hands-on experience during their clinical rotation. Students that successfully complete this course qualifies for admittance to the Competency Evaluation at an approved Minnesota Technical College test site.

## **Medical Office Procedures MA1020**

**3 SCC Credits/1 HS Semester Credit**

**Prerequisite: None**

**Format: Primarily Online**

**Fall or Spring Semester, Senior Year**

This course will review administrative duties that are performed by a medical assistant. Emphasis will be on clerical functions, bookkeeping procedures, insurance claims, professional communications, medical coding, legal concepts, medical office operational functions including written and electronic.

## **Chemistry for the Health Sciences CHEM110**

**4 SCC Credits/1 HS Semester Credits**

**Prerequisite: See course description below**

**Format: On Campus**

**Fall or Spring Semester, Senior Year**

Key concepts of general, organic, and biological chemistry are introduced in an integrated approach with applications from the medical fields. The course is designed to prepare students for Anatomy, Physiology, and Microbiology or to be utilized as a general Liberal Arts and Sciences course. Limited mathematical approach; this course does not meet the requirements of a prerequisite for CHEM 120. Lecture and a 2-hour lab are included. (Prerequisite: [Must have a Next-Generation Accuplacer Reading score of 250 or higher or Classic Accuplacer Reading score of 78 or higher, or ACT Reading score of 21 or higher or MCA Reading score of 1047 or higher or completion of either READ 0090 or EAP 0090 with a grade of C (2.0) or higher] AND [ENGL 0090 or EAP 0095 with a grade of C (2.0) or higher] AND [have a Next-Generation Accuplacer AAF score of 250 or higher or (Classic Accuplacer Arithmetic score of 56 or higher and Classic Accuplacer Elementary Algebra score of 76 or higher) or completion of either MATH 0085 or MATH 0095 with a grade of C (2.0) or higher or ACT Math score of 19 or higher or MCA Math score of 1158 or higher.]