

## Junior Year

### *Semester 1*

#### **Health Science Technology**

2 HS Semester Credits  
4 South Central College Credits

### *Semester 2*

#### **Medical Terminology**

2 HS Semester Credit  
3 South Central College Credits



## Senior Year

### *Semester 1*

#### **Basic Nursing** – available Semester 1 OR Semester 2

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

#### **Sports Medicine Introduction**

1 HS Semester Credit

#### **Anatomy & Physiology Introduction**

1 HS Semester Credit

### *Semester 2*

#### **Sports Medicine Injury Prevention**

1 HS Semester Credit

#### **Anatomy & Physiology Discovering Form & Function**

1 HS Semester Credit

***Most classes are available in a blended format with a partnering industry site or fully online. Please call with questions or enrollment assistance ~ 507.389.1889.***

# Health Science Career Academy Course Descriptions

## **Health Science Technology (SCC -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 prepares healthcare professionals to work efficiently in various healthcare settings. It focuses on developing essential workplace skills such as accountability, responsibility, and effective communication. The course also emphasizes healthcare ethics, legal issues, safety standards, and personal wellness for healthcare professionals. It is a part of the Minnesota Health Care Core Curriculum and provides a foundation for exploring careers in mental health.

## **Medical Terminology (SCC – Medical Terminology HC1000)**

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

**Prerequisite: None**

**Format: Blended**

**Spring Semester, Junior Year**

Medical Terminology for Healthcare Professionals is a comprehensive course designed to provide students with a strong foundation in the language of medicine. This course will teach students the essential skills and knowledge to understand, use, and communicate medical terminology effectively in various healthcare settings. By the end of the period, students will be proficient in building, spelling, pronouncing, and analyzing medical terms. They will also gain a deep understanding of the body systems' major structures, functions, and medical specialties.

## **Basic Nursing**

**1 HS Semester Credit/Certificate**

**Prerequisite: Health Science Technology**

**Format: Blended**

**Fall or Spring Semester, Senior Year**

This course fulfills federal and state requirements to be eligible for the state test to become an NA-R. It covers basic human needs and the health/illness continuum. The course prepares students to perform basic nursing skills safely, which is essential to function as a Nursing Assistant. Minnesota State Colleges and Universities have developed this 80-hour curriculum. Students will participate in online curriculum studies, laboratory skills, and clinical rotations to gain hands-on experience. Upon course completion, students will be qualified to take the Competency Evaluation at an approved Minnesota Technical College test site. Optional First Aid / CPR Training available.

## **Sports Medicine: Introduction**

**1 HS Semester Credit**

**Prerequisite: Health Science Technology**

**Format: Online**

**Fall Semester, Senior Year**

Looking for a career in sports medicine? It's a broad field that includes nutrition, healthy lifestyle, fitness, anatomy, biomechanics, and exercise. Explore popular career paths, day-to-day duties, emergency care for athletes, and legal obligations. Get started in this fascinating field today.

## **Sports Medicine: Injury Prevention**

**1 HS Semester Credit**

**Prerequisite: Sports Medicine 1a: Introduction**

**Format: Online**

**Spring Semester, Senior Year**

Get ready to take your knowledge of human biomechanics to the next level with Sports Medicine 1b: Injury Prevention. You'll expand your understanding of the human body, learn how to evaluate, and prevent injuries and become an expert in keeping athletes functioning at their peak. Let's hit the field of sports medicine!

## **Anatomy and Physiology: Introduction**

**1 HS Semester Credit**

**Prerequisite: Health Science Technology**

**Format: Online**

**Fall Semester, Senior Year**

Learn how to understand the human body by studying anatomy and physiology. Discover the functions and diseases of skeletal, muscular, nervous, and cardiovascular systems, as well as cell structure and processes.

## **Anatomy and Physiology: Discovering Form and Function**

**1 HS Semester Credit**

**Prerequisite: Anatomy and Physiology Introduction**

**Format: Online**

**Spring Semester, Senior Year**

Explore more body systems and their interrelation. Learn about the lymphatic, immune, respiratory, digestive, urinary, and endocrine systems, reproductive systems, genetics, and accurate patient documentation. Understand the technology used in healthcare.