



NTC and your school district have partnered to offer high school juniors and seniors who are interested in pursuing a career in the medical field the opportunity to earn high school and college credit. Dual credit academies give high school students a chance to expand their career options and get a jump start on their post-secondary credits towards a degree in healthcare.

### Potential Program Pathways:

- Dental Hygienist
- Medical Laboratory Technician
- Radiography
- Paramedic Technician
- Fire Medic
- Certified Nursing Assistant
- Nursing
- Surgical Technologist



To apply, contact Crystal Witt-Whybrow, Pre-college Student Specialist, at [wittwhybrow@ntc.edu](mailto:wittwhybrow@ntc.edu) or 715.803.1228.

## Courses

### PREREQUISITE

- Chemistry (At your high school or NTC. Must earn a "C" or better)

### JUNIOR YEAR

- 10-806-110 Body Structure and Function (3 credits)<sup>^</sup>
- 10-809-198 Introduction to Psychology (3 credits) <sup>^</sup>
- 10-809-196 Introduction to Sociology (3 credits) <sup>^</sup>

### SUMMER BETWEEN JUNIOR AND SENIOR YEARS

- 30-543-300 Nursing Assistant (CNA) (3 credits)  
(At an NTC Campus)\*

### SENIOR YEAR

- 10-806-177 General Anatomy & Physiology (3 credits) ~
- 10-501-101 Medical Terminology (3 credits) ~
- 47-531-437 Current Basic Life Support CPR Certification (3 credits) ~
- 76-890-710 Introduction to Hesi (1 credit) ~

\*Required for Nursing Program

<sup>^</sup>May be offered as dual credit at your high school

~Will be classes taken at NTC's Medford Campus

# Course Descriptions

## **77-856-773 Chemistry**

Combined lecture/laboratory course for those entering health occupations programs. Chemical bonds and the solution process; chemical reactions and chemical equilibria; and acids, bases, and buffers. No previous background in chemistry required. Good math skills are helpful. High school credit is available.

## **10-806-110 Body Structure and Function**

Introduces structures and functions of normal human anatomy using a body systems approach. Learners will have the opportunity to demonstrate competency of select course objectives with the online simulated laboratory software. Provides a flexible, online introduction to the concepts of General Anatomy and Physiology.

## **10-809-198 Introduction to Psychology**

This introductory course in psychology is a survey of the multiple aspects of human behavior. It involves a survey of the theoretical foundations of human functioning in such areas as learning, motivation, emotions, personality, deviance and pathology, physiological factors and social influences. It directs the student to an insightful understanding of the complexities of human relationships in personal, social and vocational settings.

## **10-809-196 Introduction to Sociology**

Introduces students to the basic concepts of sociology: culture, socialization, social stratification, multiculturalism and the five institutions, including family, government, economics, religion and education. Other topics include demography, deviance, technology, environment, social issues, social change, social organization and workplace issues.

## **30-543-300 Nursing Assistant (CNA)**

Prepares learners to perform basic nursing skills under the supervision of a nurse for job entry as a certified nursing assistant (CNA) or a home health aide (HHA) in health care agencies. Face-to-face and hybrid classroom, campus lab and clinical instruction are offered at various nursing homes and hospitals throughout the district. Students need to submit an application and complete background check. Condition: Accepted in the Nursing Assistant (CNA) Technical Diploma.

## **10-806-177 General Anatomy & Physiology**

Examines basic concepts of human anatomy and physiology as they relate to health sciences. Using a body systems approach, the course emphasizes the interrelationships between structure and function at the gross and microscopic levels of organization. Intended to prepare health care professionals who need to apply basic concepts of anatomy and physiology to informed decision-making and professional communication in the clinical setting. Student is highly recommended to have completed two semesters of high school chemistry or one semester of college chemistry with a "C" or better. Student is required to take the Pre-General A&P Assessment upon enrollment. All third attempts for enrollment require Dean/Assoc. Dean approval.

## **10-501-101 Medical Terminology**

Focuses on the component parts of medical terms: prefixes, suffixes and word roots. Students practice formation, analysis and reconstruction of terms. Emphasis on spelling, definition and pronunciation. Introduction to operative, diagnostic, therapeutic and symptomatic terminology of all body systems, as well as systemic and surgical terminology.

## **47-531-437 Current Basic Life Support CPR Certification**

This American Heart Association approved course covers adult and pediatric CPR and FBAO, two-rescuer CPR, barrier devices and AED. The course focuses on the needs of the professional caregiver. Successful completion includes American Heart Association certification that is valid for two years. Textbook required, can be purchased at NTC's Campus Store.

## **76-890-710 Introduction to Hesi**

Introduces learners to the format and types of questions given in the math, chemistry, and anatomy & physiology portions of the HESI test. Sample questions and possible study materials will be discussed. Upon completion of the course, learners will have a greater understanding of the test. Additionally, course completion will assist in determining if learners feel ready to test, or would like to pursue additional study opportunities prior to testing.