

# HEALTH TECHNOLOGY (HTEC)

## HTEC-1010 Health Careers Professionalism 2 Credits

Designed for College Credit Plus students. Engage with the Tri-C community to develop skills necessary for student success. Covers personal responsibility, motivation, student support services, career and academic planning, time management, and study skills. Provides an introduction to the health care professions and to be successful in the health care environment, including: health care roles and career development, legal and work-related ethical responsibilities, personal traits of successful health care professionals, cultural considerations in the health care industry, effective communication skills, self-management and professionalism.

*Lecture: 2 hours*

*Prerequisite(s): None.*

## HTEC-1040 Health Career Exploration 1 Credit

Introduction to variety of health career options with emphasis on qualifications, job responsibilities and employment opportunities. Includes identifying components from each health career that relate to lifestyle risk factors. Discusses how to become educated consumers with regards to seeking accurate health information.

*Lecture: 1 hours*

*Prerequisite(s): None.*

## HTEC-1050 Introduction to Medical Terminology 2 Credits

Introduction to medical terminology used by health care professionals with emphasis on basics of word building, defining, spelling, reading practice, and pronunciation. Designed to provide students with a foundation for medical word building and to help students who intend to enroll in Medical Terminology I and/or Anatomy and Physiology.

*Lecture: 2 hours*

*Prerequisite(s): None.*

## HTEC-1060 Medical Terminology I 3 Credits

Terminology utilized by health care professionals. Emphasis on correct spelling, definition, and pronunciation. Usage of basic and complex medical terms related to the body as a whole, and to the musculoskeletal, digestive, respiratory, urinary, female reproductive, male reproductive and cardiovascular systems. Proficient use of medical dictionary emphasized.

*Lecture: 3 hours*

*Prerequisite(s): None.*

*OAN Approved: Transfer Assurance Guide OHL020 and Career Technical Assurance Guide CTMT001.*

## HTEC-1070 Nursing and Health Professions First Year Seminar 1 Credit

The seminar engages students with the Tri-C community and introduces resources and skills necessary for student success. Topics will include personal responsibility, student support services, career and academic planning, time management, and study skills. This course will also introduce students to nursing and other healthcare professions. Students will learn what is necessary to be successful in the healthcare environment, including healthcare roles and career development, personal traits of successful healthcare professionals, cultural considerations in the healthcare industry, effective communication skills, personal responsibility, cultural competence, and professionalism.

*Lecture: 1 hours*

*Prerequisite(s): None*

## HTEC-1110 Ethics for Health Care Professionals 1 Credit

Survey course emphasizing basic definitions, concepts and issues of clinical law and ethics for health care professionals. Ethical decision-making models will be explained utilizing professional-patient relationship and case studies.

*Lecture: 1 hours*

*Prerequisite(s): ENG-0995 Applied College Literacies, or appropriate score on English Placement Test. Note: ENG-0990 Language Fundamentals II taken prior to Fall 2021 will also meet prerequisite requirements.*

## HTEC-1120 Critical Thinking in Healthcare 1 Credit

Designed for health careers students. Overview of principles involved in critical and creative thinking with an emphasis on practical applications in the healthcare environment. A discussion of skillful analysis, assessment and communication in the problem-solving process.

*Lecture: 1 hours*

*Prerequisite(s): ENG-0995 Applied College Literacies, or appropriate score on English Placement Test. Note: ENG-0990 Language Fundamentals II taken prior to Fall 2021 will also meet prerequisite requirements.*

## HTEC-1610 Introduction to Pharmacology 2 Credits

Acquaint students with general principles and concepts of pharmacology. Provides understanding of indications, uses, doses and contraindications associated with individual drugs as well as mechanisms of drug administration and therapeutic management of patients with specific disease processes. Review of basic mathematics related to correct calculation of drug dosages and preparation of solutions.

*Lecture: 2 hours*

*Prerequisite(s): ENG-0995 Applied College Literacies, or appropriate score on English Placement Test. and MATH-0915 Basic Arithmetic or qualified Math Placement. Note: ENG-0990 Language Fundamentals II taken prior to Fall 2021 will also meet prerequisite requirements.*

**HTEC-1807 Special Topics in Nursing and Health Professionals First Year**

**Seminar**

**1 Credit**

The seminar engages students with the Tri-C community and introduces resources and skills necessary for student success. Topics will include personal responsibility, student support services, career and academic planning, time management, and study skills. This course will also introduce students to nursing and other healthcare professions. Students will learn what is necessary to be successful in the healthcare environment, including healthcare roles and career development, personal traits of successful healthcare professionals, cultural considerations in the healthcare industry, effective communication skills, personal responsibility, cultural competence, and professionalism.

*Lecture: 1 hours*

*Prerequisite(s): None*

**HTEC-1820 Independent Study/Research in Health Technology**

**1-3 Credits**

Directed individual study. Study/research title and specific content arranged between instructor and student (see Credit Schedule of classes for current offerings.) May be repeated for a maximum of six credits of different topics.

*Lecture: 1-3 hours*

*Prerequisite(s): Departmental approval and ENG-0995 Applied College Literacies, or appropriate score on English Placement Test. Note: ENG-0990 Language Fundamentals II taken prior to Fall 2021 will also meet prerequisite requirements.*

**HTEC-2060 Medical Terminology II**

**2 Credits**

Terminology utilized by health care professionals. Emphasis on spelling, definition, pronunciation, and usage of basic and complex medical terms related to oncology and psychiatric care; and the hematology, lymphatic, integumentary, special senses (eye and ear), and endocrine systems. Emphasis on reading, translating and composing medical documents. Proficient use of medical dictionary emphasized.

*Lecture: 2 hours*

*Prerequisite(s): HTEC-1060 Medical Terminology I, or departmental approval: related work experience.*