

# HEALTH TECHNOLOGY (HTEC)

## HTEC-1000 Introduction to Patient Care 1 Credit

Discussion, demonstration and practice of basic physical therapy patient care skills. Introducing principles of patient care for physical therapists assisting students including professional communication with diverse populations, safe patient mobility skills and transfers, vital signs, standard precautions, hand hygiene and development of a comfort level with the physical contact required for a physical therapist assistant.

*Lecture: .5 hours. Laboratory: 1.5 hour*

*Prerequisite(s): ENG-1010 College Composition I, or concurrent enrollment; or ENG-101H Honors College Composition I, or concurrent enrollment; and MA-1020 Medical Terminology I, or concurrent enrollment; BIO-2331 Anatomy and Physiology I, or concurrent enrollment; and MATH-0955 Beginning Algebra or appropriate score on Math placement test to enroll in MATH-1240 Contemporary Mathematics or higher.*

## 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-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-0910 Basic Arithmetic or appropriate score on Math Placement test. Note: ENG-0990 Language Fundamentals II taken prior to Fall 2021 will also meet prerequisite requirements. CTAN Approved: Career Technical Assurance Guide CTMAT011 (1 of 3 courses), all must be taken.*

## 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.*