

# HEALTH CARE FOUNDATIONS (HST)

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## HST 101 (3 credit hours)

### Health Care Basic Skills I

Introduces student to basic health care skills such as measuring and recording vital signs, assisting licensed personnel, observing and reporting patient conditions, collecting specimens and caring for the hygiene, comfort, and safety of patients in various settings. Prepares the student for entry-level health care positions by incorporating certification for American Heart Association Cardiopulmonary Resuscitation (CPR). Lecture: 2.0 credits (30 contact hours). Lab: 1.0 credit (45 contact hours).

**Components:** LAB: Laboratory, LEC: Lecture

## HST 102 (3 credit hours)

### Health Care Delivery & Management

Introduces delivery and management of health care including professionalism, health care roles, health care delivery models, and types of health care coverage. Explores legal/ethical issues including HIPAA and confidentiality, electronic medical records and patients' rights as well as analysis of current trends in health care today. (Appropriate for any student considering entering the Allied Health or Nursing field.) Lecture: 3.0 credits (45 contact hours).

**Attributes:** Technical

**Components:** LEC: Lecture

## HST 103 (2 credit hours)

### Health Care Communication

Introduces communication and its various forms as it exists in the health care field. Focuses on verbal, nonverbal, written and oral communication between members of the health team, patient, and caregivers through an interdisciplinary approach. Examines each role with discussion from the perspective of the involved parties. Emphasizes diversity, sociocultural influences, and teamwork. Includes discussion of the media's role in health care, as well as how health promotion campaigns may be implemented and managed. Appropriate for anyone interested in a career in allied health or nursing. Lecture: 2.0 credits (30 contact hours).

**Attributes:** Technical

**Components:** LEC: Lecture

## HST 104 (3.5 credit hours)

### Health Care Basic Skills I with Clinical

Introduces student to basic healthcare skills such as: measuring and recording vital signs, assisting licensed personnel, observing and reporting patient conditions, collecting specimens and caring for the hygiene, comfort, and safety of patients in various settings. Prepares the student for entry level healthcare positions by incorporating certification for American Heart Association Cardiopulmonary Resuscitation (CPR). Prepares student for the State Registered Nurse Aide examination.

Note: Faculty and clinical sites must comply with applicable Federal and Kentucky laws and regulations including but not limited to 42 USC 1396r and 907 KAR 1:450. Lecture: 2.0 credits (30 contact hours). Lab: 1.0 credit (45 contact hours). Clinical: 0.5 credits (23 contact hours).

**Attributes:** Technical

**Components:** CLN: Clinical, LAB: Laboratory, LEC: Lecture

## HST 121 (2 credit hours)

### Pharmacology

Introduces students to the basics of pharmacology/pharmacokinetics, include terms used to describe various effects and reactions from drug usage. Will also introduce metric system and basic dosage calculations common to most fields of study within allied health and nursing. Lecture: 2.0 credits (30 contact hours).

**Attributes:** Technical

**Components:** LEC: Lecture

## HST 122 (3 credit hours)

### Clinical Pathophysiology

Explores an introduction to the nature of disease and its effect(s) on body systems. Provides a study of pathology and general health management of diseases and injuries across the lifespan. Includes topics of etiology, symptoms, physical and psychological reactions to diseases and injuries. Lecture: 3.0 credits (45 contact hours).

**Pre-requisite:** BIO 137 or BIO 135.

**Attributes:** Technical

**Components:** LEC: Lecture

## HST 123 (2 credit hours)

### Health Care Basic Skills II

Builds on basic health care skills by incorporating previous learning into more advanced concepts and higher level skills. Emphasizes care of patients with common health problems throughout the lifespan. Prepares students to independently perform skills such as blood sugar monitoring, running an electrocardiogram, urinary catheterization and enemas, collecting blood for lab tests and preparing patients and instruments for surgery, treatment or examination. Lecture: 1.0 credit (15 contact hours). Lab: 1.0 credit (45 contact hours).

**Pre-requisite:** HST 101.

**Attributes:** Technical

**Components:** LAB: Laboratory, LEC: Lecture