# Health Care Technology

**Organization**  **Washburn Institute of Technology**

**Instructional Level**  **Certificate**

## Target Population
Grades 11 & 12

## Description

This program is designed for students who desire an allied health field of study. Instruction are of Health Occupations which includes the anatomy, medical terminology and mathematic skills needed for baseline health care skill. Safety measures included with OSHA training and certification. This program meets state guidelines for the Kansas Nurse Aide and the Kansas Home Health Aide certification testing through Kansas Department of Aging and Disability Services.

## Assessment Plan

Assessment is an integral part of the educational process at Washburn Tech and accurate feedback is an important tool in continuously improving the institution's technical programs. Students can expect to participate in assessment activities prior to entry into programs, within specific courses and following program completion for specific fields of study.

## Student Learning Outcomes

A.  Communicate effectively.
B.  Integrate technology.
C.  Learn effectively - use academics effectively.
D.  Demonstrate cooperative/teamwork skills.
E.  Apply safety.
F.  Think critically and creatively.
G.  Demonstrate responsible work ethics.

## Program Outcomes

A.  The Health Care Technology student will develop and demonstrate the knowledge and skills required to secure employment in entry level health care positions.
B.  The student will demonstrate responsibility and professionalism.
C.  The student will be knowledgeable of safety principles while performing all required skills in the program and the workplace.

| Course # | Course Title | Credit Hours | Required |
|---|---|---|---|
| HCT108 | Health Occupations I | 4 | Yes |
| MOS150 | Medical Terminology | 1 | Yes |
| IND105 | OSHA-10 Hour General Industry | 1 | Yes |
| HCT128 | Nurse Aide | 5 | Yes |
| HCT138 | Home Health Aide | 2 | Yes |

# Program Course Descriptions

## HCT108 Health Occupations I (4 credits)

The course introduces Health Care Technology students to the basic science of body structure, function and major dysfunction of bodily systems. It will familiarize the student with the basic anatomy, mathematical skills and professions involved in the care for those patients.

## MOS150 Medical Terminology (1 credit)

This course introduces medical terminology and medical abbreviations used in a nursing care setting.

## IND105 OSHA-10 Hour General Industry Certificate (1 credit)

This course will enable the student to: Explain job/site safety and precautions for job/site hazards; determine the uses of personal protective equipment (PPE); identify the safety equipment and procedures related to safe work practices and environment; identify fire prevention and protection techniques; explore Hazardous Communications (HazCom) including Material Safety Data Sheets (MSDS).

## HCT128 Nurse Aide (5 credits)

The nurse aide course is designed for the person seeking employment as an entry level healthcare worker under the direct supervision of a licensed practical nurse or registered nurse. The course provides the foundation for further education as a Home Health Aide, Medication Aide, Practical Nurse or Surgical Technician. Nursing aides may be employed by long term care facilities, hospitals, doctor's offices or other healthcare areas. The course introduces the student to basic concepts of aging as well as basic nursing skills related to the care of the elderly. Student participation and hands-on experience in a clinical setting is an integral part of the course. Upon successful completion of the course, students are eligible to take the Kansas Dept. of Aging and Disability Services.

## HCT138 Home Health Aide (2 credits)

The home health aide course is an extension of the nursing assistant training. It is a didactic model that addresses the transition of skills from an institutional environment to the home setting. The course consists of nine modules, 20 hours classroom instruction including use of state curriculum, lectures, videos and discussion. Students may participate following successful completion of the nursing assistant curriculum. A student must pass the state CNA exam to be eligible to test for HHA.

## ADA Notification Statement and Disability Services:

The Testing/ADA Coordinator office is responsible for assisting in arranging accommodations and for identifying resources at Washburn Tech for persons with disabilities. Qualified students with disabilities MUST register and provide documentation with the office to be eligible for services. New requests for accommodations should be submitted two months or more prior to the date services should begin by contacting the Testing/ADA Coordinator's office as soon as a need may arise. Depending on the accommodation request, four to eight weeks lead time may be needed for timely and effective provision of services. Testing/ADA Coordinator coordinates and assists in arranging services it deems appropriate for eligible students on a case-by-case basis.

If you are a student with a disability that may substantially limit your ability to participate in this class and believe you will need accommodations, it is your responsibility to contact:

Testing/ADA Coordinator
Phone:       785-228-6356                              E-Mail:       ssscoordinator@washburn.edu