Advanced Health Care Technology

Organization: Washburn Institute of Technology

Instructional Level: Certificate

Target Population: Grades 11 & 12

Description:
This program is designed for high school students (grade 11 and 12) who desire an allied health field of study. Instruction includes OSHA 10 Certificate, Medical Terminology, Nurse Aide, Human Development, and Nutrition. This program meets state guidelines for the Kansas Nurse Aide through Kansas Department of Aging and Disability Services.

Entry Requirements

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 Advanced Health Care Technology student will develop and demonstrate the knowledge and skills required to secure employment to entry level health care positions.
B. The student will demonstrate responsibility and professionalism appropriate to a Nurse Aide.
C. The student will safety principles while performing all required skills in the program and the workplace.
## Program Course Descriptions

### IND105 OSHA 10 (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).

### MOS150 Medical Terminology (1 credit)
This course provides the student a background in basic medical terminology, this course covers prefixes, suffixes, combining forms, and word roots to compose medical terms. The student learns to spell, pronounce, define, and interpret terminology related to body systems.

### 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.

### HCT131 Human Development (3 credits)
This course provides an introduction to physical, cognitive, emotional and social aspects of human development throughout the life span. It emphasizes developmental processes beginning with conception and continuing throughout childhood, adolescence, adulthood, later life and death. The course focuses on developmental processes, cultural influences and other factors that make each individual unique. This course takes an interdisciplinary approach toward human development that is based on science and applied toward the goal of solving important human problems.

### HCT141 Nutrition (3 credits)
The student will identify, describe and discuss the various nutrients essential to promoting growth and maintenance of the human body. The clinical aspects of nutrition are explored through various therapeutic diets as well as through introductory nutritional assessment skills.

<table>
<thead>
<tr>
<th>Course #</th>
<th>Course Title</th>
<th>Credit Hours</th>
<th>Required</th>
</tr>
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<tbody>
<tr>
<td>IND105</td>
<td>OSHA 10</td>
<td>1</td>
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</tr>
<tr>
<td>MOS150</td>
<td>Medical Terminology</td>
<td>1</td>
<td>Yes</td>
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<tr>
<td>HCT128</td>
<td>Nurse Aide</td>
<td>5</td>
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<td>HCT131</td>
<td>Human Development</td>
<td>3</td>
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</tr>
<tr>
<td>HCT141</td>
<td>Nutrition</td>
<td>3</td>
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</tbody>
</table>
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