



COURSE SYLLABUS
HEALTH SCIENCE II
Fall 2021

PROGRAM TITLE: Health Science II

DOE CODE: 5284 (Fall Semester) and 6138 (Spring Semester)

RECOMMENDED GRADE LEVEL: 12

PREREQUISITES: Health Science I

HIGH SCHOOL CREDITS: 3 per semester (6 total per school year)

ELECTIVE INFORMATION: Counts as a Directed Elective or Elective for all diplomas

HOW WCC CAN HELP MEET GRADUATION PATHWAYS:

Pathway 1 High School Diploma = Directed Electives

Pathway 2 Employability Skills = Work-Based Learning

Pathway 3 Postsecondary Ready = CTE Concentrator

INSTRUCTORS: Nancy Redd

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PROGRAM DESCRIPTION:

Health Science II is an extended laboratory experience at a clinical site designed to provide students the opportunity to earn CNA certification, assume the role of nurse assistant, and practice technical skills learned in the classroom. It prepares students with the knowledge, skills, and attitudes essential for providing basic care in extended care facilities, hospitals, and home health agencies under the direction of licensed nurses. These skills include recording patient medical histories and symptoms, consulting other healthcare providers, operating and monitoring medical equipment, performing diagnostic tests, teaching patients and families how to manage illness or injury, and performing general health screenings. This program also provides students with the knowledge, attitudes, and skills needed to make the transition from school to work in the field of nurse assisting, including self-analysis to aid in career selection, job seeking and job maintenance skills, personal management skills, and completion of the application process for admission into a postsecondary program. Students completing this program continue their education in 2 or 4-year postsecondary degree programs, obtain employment in the healthcare industry, or use the CNA license to work while continuing their education.

MAJOR LEARNING OBJECTIVES:

1. Identify the major components of the dementia disease process and its treatment.
2. Discuss how dementia affects patient behavior.
3. Define different types of communication and why each type is important.
4. Identify the key issues of keeping the environment safe for a person with dementia.
5. Identify methods of involving the family in the care of a patient with dementia.
6. Identify the components of planning care and activities that are meaningful to the client with dementia.
7. Discuss appropriate communication techniques in dealing with a resident with dementia.
8. Perform technical skills in a long-term care environment in order to apply and adapt basic skills into what is required in the clinical setting.
9. Participate effectively as a member of the Health Care Team to promote the delivery of quality healthcare.
10. Use the skills learned to become productive professionals and effective individual consumers.
11. Complete current technical skills and educational objectives in preparation for the CNA licensure exam.
12. Obtain the CNA license.
13. Complete the application process for admission into a postsecondary program in order to achieve career goals.

REQUIRED TEXT/CURRICULUM MATERIALS:

- Mosby's Textbook for Nursing Assistants; 9th Edition; Elsevier
- Clinical Nursing Skills; 5th Edition
- Concepts in Health & Wellness; 1st Edition; Cengage Learning

EARLY COLLEGE PROGRAM:

Whitewater Career Center is an Early College Career Center. Health Science II students may earn the Ivy Tech Dementia Care Certificate (CT) and the Certified Nurse Aide (CNA) Certificate (CT) by successfully completing all the required dual credit courses.

DUAL CREDITS AVAILABLE:*HLHS 113 Dementia Care*

Ivy Tech 3 credits

Qualifies for THD and Pathway Dual Credits.

HLHS 107 CNA Preparation

Ivy Tech 5 credits

Qualifies for THD and Pathway Dual Credits.

Pending approval.

HLHS 105 Medical Law and Ethics

Ivy Tech 3 credits

Qualifies for THD and Pathway Dual Credits.

Pending approval.

HLHS 122 Electronic Health Records

Ivy Tech 3 credits

Qualifies for THD and Pathway Dual Credits.

Pending approval.

HLHS 125 Behavioral Health

Ivy Tech 3 credits

Qualifies for THD and Pathway Dual Credits.

Pending approval.

INDUSTRY CERTIFICATION AVAILABLE:*CNA (Indiana State Certified Nursing Assistant) Certification*

Testing required. Fees may apply. Qualifies for THD and Pathway Industry-Recognized Certification.

Pharmacy Technician (through independent study)

Testing required. Fees may apply. Qualifies for THD and Pathway Industry-Recognized Certification.

METHODS OF INSTRUCTIONAL DELIVERY:

This course will be delivered using a variety of delivery methods. Lecture, class discussion, lab work, clinicals and individual and group exercises and activities will be used to deliver the class material.

EVALUATION METHODS:

- Classroom work
- Lab work
- Clinicals
- Dual credit course projects and exams
- Participation and attendance

GRADING SCALE:

A+ 99-100%
A 92-98%
A- 90-91%
B+ 88-89%
B 82-87%
B- 80-81%
C+ 78-79%

C 72-77%
C- 70-71%
D+ 68-69%
D 62-67%
D- 60-61%
F 59% and below

REQUIRED CONSUMABLE MATERIALS AND EQUIPMENT:

- Student kit
- Uniform scrubs from Health Science I

CLASS POLICIES:

- Attend each day.
- Communicate with your teacher when needed.
- Put forth a good effort each day.
- Stay on task.
- Work well in assigned teams.
- Do the work assigned in a timely manner.