

Health Science Education Syllabus

PROGRAM: Health Science Education (HSE)
COURSE: 1. Foundations of Health Science (Course # 0711)
2. Advanced Principles of Health Science (Course #0715)

INSTRUCTOR: Heather Sheppard, MLT, ASCP
Address: Boone Career and Technical Center
3505 Daniel Boone Parkway, Suite B
Foster, WV 25081
Phone: 304-369-4585
E-mail: heather.sheppard@k12.wv.us
Office Hours: Monday -Friday 2:00pm-3:00pm

Title IX ADA 504 Notice

Boone Career & Technical Center (BCTC) does not discriminate on the basis of race, color, religion, national origin, gender, sexual orientation, disability, age, or marital status in any of its policies, procedures or practices as required by Title IX, Section 504, and ADA regulations. For inquiries concerning Title IX, please contact the BCS Safe Schools Director Anthony Tagliente at 304-369-8276 or ataglient@k12.wv.us. For inquiries concerning 504/ADA, please contact the Director of Exceptional Children Mary Knapp, at 304-369-8245 or mknapp@k12.wv.us. Inquiries may also be submitted in writing to the following Director's at Boone County Schools 69 Avenue B Madison, WV 25130.

COURSE DESCRIPTION:

The Health Occupations Education student will be introduced to information about health care systems and careers. Information is included on recognition of disease transmission and prevention and the prevention of disease utilizing good nutrition. Students will analyze stages of growth and development and examine human needs. Emphasis will be placed on analyzing and interpreting medical terminology with a focus on medical elements. Students are provided the opportunity to acquire First Aid and CPR certification and are encouraged to affiliate with a Career and Technical Student Organization (CTSO).

TEXTS: [Introduction to Health Science Technology](#), Louise Simmers
[Introduction to Health Science Technology Workbook](#), Simmers
[Dean-Vaughn Medical Terminology 350](#), DCM, Inc.
[American Red Cross First Aid/CPR](#)
[American Heart Association BLS for Health Care Providers](#)
[Medical Terminology for Health Professions](#), Ehrlich & Carol L
[Medical Terminology for Health Professions, Workbook](#), Ehrlich & Carol L

BASIC COURSE REQUIREMENTS:

1. Paper and Pencils, Black or Blue Ink Pen, Highlighter
2. 3-Ring Binder / Notebook
3. The Health Science Student Handbook contains important information about course requirements. There are several required forms for the Health Science Education Program. These forms can be found in the Appendix and should be completed and returned during the first week of classes.

TEACHING METHODS:

Lecture	Homework Assignments
Instructor Demonstration	Teamwork Assignments
Technical Skills Practice	Professional Portfolio
Written Exams & Quizzes	Simulated Workplace

GRADING AND EVALUATION:

1. Daily attendance and participation in class activities, exams, quizzes, skills labs, assignments, and clinical externship will be graded. Students who do not complete the required number of classroom and/or clinical externship will not be eligible to attain certifications.
2. Participation in skills lab is required. Students must demonstrate competence in assigned skills and will receive a grade upon completion of each skill.
3. Incomplete work will not be accepted. Late work will be lowered by one letter grade for each day that the assignment is late.
4. FINAL EXAMINATION: An End-of-Course Exam will be given at the end of each semester.
5. Instructional Support (IS) tutoring will be provided to any student who requires assistance. There is no cost for this service.
6. When the instructor observes cheating on the part of the student, the case shall be handled in accordance with the following procedures:
 - a. The instructor has the authority to give the student the grade of "F" on the assignment involved in the cheating or a grade of "F" in the course.
 - b. The instructor will submit to the principal, within three (3) days from the time the cheating occurred, a written report, along with the physical evidence, stating the facts of the case and the action taken by the instructor.
7. The instructor has the authority to make beneficial changes in assignments and point values for the assignments as situations throughout the course may change.

Grading Scale:	
A -	90 – 100%
B -	80 – 89%
C -	70 – 79%
D -	60 – 69%
F -	0 – 59%

Tentative Schedule

Week	Lesson/Unit	Dates
1	Orientation to Health Science Fire and Lab Safety	
2	Fire and Lab Safety Healthcare Systems and Careers	
3	Careers and Professionalism	
4	Legal and Ethical	
5	Diversity	
6	Body Mechanics	
7	Infection Control	
8	National Safety Council	
9	First Aid	
10	First Aid	
11	CPR	
12	CPR	
13	Human Growth and Development	
14	Human Growth and Development	
15	Human Growth and Development	
16	Vital Signs	
17	Vital Signs	
18	Nutrition	
19	Nutrition	
20		