

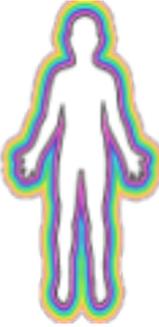
Health Science II Course Syllabus

School Year 2024-2025

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Classroom: 171

POSITIVE - RESPECTFUL - INDEPENDENT - DRIVEN TO - EXCELLENCE



Health Science II is a Career and Technical Education (CTE) course that expands knowledge of the healthcare industry.

COURSE TOPICS

Unit 1: Understand Employability Skills for Healthcare Professionals.

1. Understand characteristics and attributes of healthcare professionals
2. Understand trans-cultural awareness related to healthcare services
3. Understand legal and ethical issues related to healthcare

Unit 2: : Understand cardiovascular and respiratory systems and how to respond to emergencies.

1. Understand the structures, functions, and disorders of the respiratory system
2. Understand the structures, functions, and disorders of the circulatory system
3. Apply BLS CPR and AED skills to respond to respiratory and cardiovascular emergencies

Unit 3: Understand Healthcare Safety and Infection Control Procedures.

1. Understand communicable disease pathology, treatment, and prevention
2. Understand infection control and aseptic procedures
3. Understand safety considerations and procedures when providing healthcare services

Unit 4: Domains of Healthcare

1. Understand diagnostic and therapeutic services
2. Understand health informatics and support services.

HU42 HEALTH SCIENCE II

This course is developed to help students expand their understanding of the healthcare industry, including employability skills, safety and infection control procedures, and clinical skills used by allied health professionals. In addition, students will demonstrate their understanding of cardiovascular and respiratory systems by applying BLS CPR skills. Projects, teamwork, and demonstrations serve as instructional strategies to reinforce the curriculum content.

Grades: 10-12

Prerequisite: HU40 Health Science I

Credit: 1

Course Certifications: BLS, Stop the Bleed, OSHA

Affiliated Career and Technical School Organization (CTSO): HOSA

Proof of Learning:

A Proof of Learning (POL) is a tool to assess student achievement and mastery of the course standards. The POL for this course will be a Performance-based Measurement (PBM). Students will complete multiple projects and skill demonstrations throughout the course as listed in the instructional activities. Students will maintain a portfolio as a record demonstrating their success in this course.

Performance-based Measurement Portfolio

Portfolio Section	Standard	Portfolio Weight
Section 1, part 1	1.00: Understand employability skills for healthcare professionals.	10%
Section 1, part 2	1.00: Understand employability skills for healthcare professionals.	10%
Section 2	2.00: Understand healthcare safety and infection control procedures.	25%
Section 3	3.00: Understand cardiovascular and respiratory systems and how to respond to emergencies.	30%
Section 4, part 1	4.00: Understand the domains of healthcare.	10%
Section 4, part 2	4.00: Understand the domains of healthcare.	15%
Total Performance-Based Weight		100%

GRADING SYSTEM

A: 90-100; B: 80-89; C: 70-79; D: 60-69; F: 0-59

Tests, Quizzes, Classwork, Projects, Homework:

The tests and quizzes will be objective (such as multiple choice, matching, fill-in the blanks). Warm-up work will be based on the work accomplished the previous day. Any project assignment will be graded by a **rubric**.

We will be doing work every day in class that will include reading, writing, participating in class discussions, engaging in group activities, and producing individual assignments. Students may also be given additional assignments to be completed outside of class.

Work throughout the semester:

Mastery: 70% - includes tests, student notebooks, research & projects

Artifacts: 30% - includes quizzes & classwork

SUPPLIES

- **Charged** Chromebook
- 1 inch, 3 ring binder or dedicated section in a larger binder
- Pencils, notebook paper
- Earbuds or headphones (as needed for assignments)

Learning Environment

- All chromebooks will be closed when not being used directly for instruction
- If you are off-task with your computer, your computer will be taken for the remainder of the class. You will still be responsible for the classwork during that time.

Be Productive and Honest: always do your best!

- Academic dishonesty includes **cheating** (copying someone else's work or allowing others to copy your work), **fabrication** (making stuff up), and **plagiarism** (taking credit for someone else's work).
- Academic dishonesty will result in a zero for the assignment without the opportunity to re-do the assignment. A call to a parent/guardian will occur and the behavior will be documented in the Educators Handbook.

STUDENT EXPECTATIONS

Respect yourself, Your Teacher and Your Classmates

- Be kind to others
- Use appropriate language in class, no swearing or language that would offend others
- Be mindful of your surroundings
- No talking during instructional delivery

Be Prepared for Class

- Arrive to class on time
- Bring charged chromebook to class every day

Take Responsibility

- Ask questions if you don't understand the content
- Complete assignments on time
- Do your part during group work

Learning Environment

- All chromebooks will be closed when not being used directly for instruction
- If you are off-task with your computer, your computer will be taken for the remainder of the class. You will still be responsible for the classwork during that time.

Student Cell Phones and Electronic Devices - Expectations and Procedures

West Brunswick High School has written an outline of expectations and procedures related to the use of cell phones/electronic devices during the instructional day. These expectations and procedures are consistent with Board Policy 4311. These devices must be off and OUT of SIGHT during instruction.

- See student handbook for consequences

RESTROOM POLICY

- Students will be using an electronic hall pass through the Securly Pass application. Students will access the pass via their chromebook and will have 3 passes allotted per day.

TARDY POLICY

- Students must be seated and ready to work when the bell rings.
- If you have class during lunch you are expected to return from lunch on time. Students that return from lunch greater than 6 minutes late without checking in will be marked tardy.
- See student handbook for consequences

LATE WORK

- **Late work is accepted no later than 5 days after the due date.** Each day the assignment is late, there will be a 10 point reduction of the final score.
- If there are extenuating circumstances and you know that you will not be able to complete the assignment on time email me as soon as possible. I will not extend time for students that email after the assignment is due

ABSENT MAKE UP POLICY

Students are expected to make arrangements to complete any work/tests missed within 5 days of returning to school. At the time the work/test/project is due a zero will be placed in the gradebook to remind you to complete the work.

GOOGLE CLASSROOM

Google Classroom will be used as our learning management platform. This will be an important resource for you during this class. Copies of the assignments, lectures and projects will be posted here for your convenience. There will be many times when you will be expected to turn in an assignment on Google Classroom.

CHROMEBOOKS: will be closed when not being used directly for instruction. If you are off-task with your computer/chromebook, your computer will be taken for the remainder of the class. You will still be responsible for the classwork during that time.

MEDIA: Throughout the semester a variety of multimedia will be used in order to convey the standards of the course. Video clips of different surgeries, injuries, and/or conditions will be shown to enhance the learning and understanding. This is a health science class and students are expected to **behave with maturity** as future healthcare professionals, no matter what topic is being covered

Syllabus subject to change

Syllabus Statement

Please detach, sign and return this page to Ms. Hines

I, (print student name) _____, was given a copy of the course syllabus which includes student expectations and classroom policies. I acknowledge that I have read the document. Further, I take full responsibility to abide by the policies and am aware of the consequences.

Student Signature: _____

Parent Name: _____

Parent Email: _____

Parent Phone Number: _____

Parent Signature: _____

Date: ____/____/____

Parent please email me and let me know what form of communication works best for you.