# Health Science 1 Honors

Mrs. Miller

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# Course Syllabus

I would like to welcome you to the Honors Health Science 1 class. The Honors Health Science I curriculum will address all of the essential standards for 7240 Honors Health Science I as found in the NC CTE Course Blueprint. In addition to these essential standards, the HS1 honors students will expand their knowledge of the human body through complex assignments. The goal of the honors curriculum is to increase the student’s understanding of how the anatomy and physiology of each body system is impacted by disease and the aging process. In the honors program, students will be expected to not only study each body system more deeply through extensive reading and research, they will be challenged with projects and research to help them understand the interconnectedness of the body systems. Students desiring to pursue a health career will have a better understanding of anatomy and physiology. Biology is recommended as a good preparation for this course. Health Science 1 is a prerequisite for Honors Health Science 2.

It is important that students come to school every day on time, have a positive work attitude and follow school rules so that meaningful learning can take place in the classroom. School policies regarding absences, tardies, make up work, dress code and conduct will be strictly enforced in the classroom setting. It is important for you to refer to the Student Code of Conduct book for these guidelines. Class expectations are also delineated below.

**Supplies**

**It is required that students obtain a 2 or 3 inch 3 ring binder, notebook paper, black ink pens, pencils, highlighter, index cards (3x5)**

**North Carolina Honors Level Course Portfolio For Health Science I**

**The student seeking honors credit in Health Science I will need to complete the following as well as the standard course of study for the class.**

1. **Students will identify a problem that First Responders experience in various phases of their work. Students will conceptualize, design and fabricate an inventive device to help solve this problem.**
2. **Student will create a life size skeleton and label all bones and muscles.(required for each system)**
3. **Student will formulate a brochure on prevention of integumentary disorders.**
4. **Students will research and create a fact sheet on Nervous system disorders**
5. **Student will create a research paper on The Diabetic Patient.**

**Course** **Objectives**

1.0 Understand structural organization of the body and roles of the first responder

2.0 Understand the body's support exchange systems

3.0 Understand the body's nutrient exchange and communication systems

4.0 Understand the body's hormone control systems

**Outline:**

1. Body Tissues
2. Anatomical location and terminology
3. First Aid/first responder
4. Skeletal System
5. Muscular System
6. Integumentary System
7. Digestive System
8. Urinary System
9. Nervous System
10. Sensory System
11. Lymphatic and Immune System
12. Endocrine System
13. Male and Female Reproductive Systems

**Grading**

Students will have an opportunity to excel! At a minimum a test, vocabulary quiz and project grade will be given for each unit. Grades are determined per Guilford County Schools grading scale. Students will take an EOC state test. To access your grades use Power School.

Participation 10 % Grading scale: A:90-100 B: 89-90

Quizzes/classwork 30 % C: 70-79 D: 60-69

Tests 30 % I: incomplete F: 59 or less

Labs/Projects 30%

100%

Please, remember grades do not show me what you know: they tell me how much effort you put into gaining education. Engaging in meaningful class discussion, analyzing content and making connections define the "real world" that shows what you know.

**Resources:**

Text/workbook:

Introduction to Anatomy and Physiology

AHA 2015 Heartsaver First Aid CPR AED student workbook

Other resources: Tabor's Medical Dictionary, Medical terminology for Health Professionals, Stedman's Medical Dictionary, Internet, Applied Education System, worksheets and class assignments.

**Health Science Program Expectations**

1. Absence and Tardy Policy.: School policy will be enforced. Academic success in any course is directly related to the amount of time and effort given to the subject matter being studied.

In order to be successful, a regular daily attendance is required. Punctuality is an important characteristic of a health care professional. School policy will be followed for tardies. Excessive tardies/absences will prohibit entry into Health Science 2.

2. Assignment/homework: All assignments given are expected to be done on time to pass the course. Late work will be accepted up to 3 days late. After the past due date student will receive a 10 point deduction for each day late. Student will have 3 days for each day of absence to turn in your make up work. This only applies to work assigned the day you were out. **ANY WORK OR TESTS PREVIOUSLY assigned will be due upon your return.(e.g. if a project is due on a day you are absent, you will need to submit upon return to school)** Special circumstances can be discussed beforehand with the teacher. Make up test will be taken before or after school per teacher availability. **Student is responsible for getting class notes from Canvas.**

3. Textbooks: Kept in the classroom. They are signed our and signed back as needed with teacher’s permission

4. Seats: Students must occupy their assigned seat at the bell and during the class unless otherwise instructed. Students must remain in their seats until they have been dismissed. There will be NO standing by the door waiting for the bell to ring.

5. Passes: Passes are issued at the discretion of the teacher for necessary and nonrecurring reasons. Students are expected to take care of their personal needs at time other than class time. **NO passes will be given the first 10 minutes or the last 10 minutes of class.** Students may not run personal errands during class time.

6. Rest room: As a health care provider, I understand that bodily functions exist; however, it is strongly encouraged that students address these needs before or after class. If a student needs to use the restroom during class, he/she must sign out/in on a log and have a written note from the teacher. Also, there are no vending machines in the restroom. Therefore, if you take an excessive amount of time or if you return to class with a drink or snack, your restroom privilege may be rescinded. If an individual student has an excess of restroom time, the teacher may limit this privilege.

7.**Cell phones: all cell phones must remain out of sight and on silent or off. Cell phones cannot be charged in class. If a student must use the restroom during a quiz/exam, the student will need to leave the cell phone in the room with the teacher until their return.**

8. Classroom: Books and equipment will be returned to proper storage area 5 minutes prior to dismissal. The classroom must be clean and tidy before dismissal.

9. Cheating: Obtaining information from any source other than those prescribed by the teacher for the specific assignment, will have significant consequences, including parent notification and a zero on the assignment. Examples: cheat sheet, copying someone else's work, talking during a test, plagiarism , using a cell phone. A student providing information is considered as guilty as the student receiving the information.

10. Respect: Be respectful of your peers and teacher when they are presenting. Personal conversations during class time are disruptive and unacceptable. Consequences include: warning, seat change, detention/alternative assignment and /or parent contact.

11. Parents are always welcome to contact me at any time. If at any time you feel you can contribute to the classroom learning experience please let me know.

Academic notes:

Keep all of your work (notes, handouts, test, papers, daily work, etc.) in your notebook for the entire year. Notebooks will be checked after each unit and randomly during the unit. See Interactive Notebook file for details on the set up of your notebook.[Interactive\_Notebook\_Guides (1).docx](https://word-edit.officeapps.live.com/courses/92767/files/3529923/download?wrap=1)

Current Events in health: One article from a magazine, newspaper or internet will be read and evaluated every month. See current event file for details.[Current Event Form.docx](https://word-edit.officeapps.live.com/courses/92767/files/3529926/download?wrap=1)[Current event rubric.docx](https://word-edit.officeapps.live.com/courses/92767/files/3529927/download?wrap=1)

Attendance, academic success and attitude in Health Science I is taken into consideration for acceptance into Health Science 2.

I am here to help. No question is stupid to ask. If you are having difficulty in the course, ask for help before it is too late. Learning should be fun. Let's work together for a great year.

**Please sign below to show that you have read the above syllabus and understand the Rules/Expectations of Health Science 1 Honors.**

**Student’s Name Printed:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Student’s signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Parent/guardian Name Printed:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Parent/guardian Signature:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Parent/guardian phone number:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_-**

**Parent/guardian email:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**