**COURSE SYLLABUS**
 **Honors Health Science1 HU405 (2020-2021)**

 **Career and Technology Education**

**Instructor**

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Southwest Guilford High School

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**Introduction**

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| This course is developed to focus on human anatomy, physiology, and human body diseases and disorders, and recognizing and responding to first aid emergencies. Students will learn about healthcare careers within the context of human body systems. Projects, teamwork, and demonstrations serve as instructional strategies that reinforce the curriculum content. English language arts and science are reinforced in this course.The Honors Health Science I curriculum will address all essential standards for 7240 Health Science I as found in the NC CTE Course Blueprint. In addition to these essential standards, the HSI honors student 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 constantly challenged to analyze the interconnectedness of the body systems with projects and research. Students wishing to pursue health care careers will have a greater understanding of anatomy and physiology thereby creating a student who is more successful and more likely to succeed and progress through the health science pathways.  |

Health Occupations Students of America (HOSA) competitive events, community service, and leadership activities provide the opportunity to apply essential standards and workplace readiness skills through authentic experiences. Biology is recommended as good preparation for this course. Health Science 1 (with a grade of B or better) is a prerequisite for Honors Health Science 2.

**Course Requirements**:

* Daily Reading, Memorization and Labeling/Coloring of Body Structures
* Note taking in class. Participation in class discussions and activities
* Completion of homework
* Weekly quiz/ Unit test after each body system
* Research activities / Online blended learning
* Projects as assigned
* “Health Related” service-learning hours

**Content of the Course**

Organizational Structure, Skeletal System, Muscular System, Lymphatic System, Digestive System, Nervous System, Sensory System, Integumentary System, Urinary System, Endocrine System, Reproductive System. Circulatory and Respiratory System will be in Health Science 2 Curriculum.

For each unit there are assignments, coloring activities, research, classroom activities, projects, and guided notes**. For face to face instruction, a classwork portfolio in a 2” binder with dividers is required and will serve as a double project grade at the end of the semester. For remote learning, all projects/notes should be submitted via Canvas. Use of Digital Portfolio will be discussed.**

**Course Objectives**

Through the content selected and activities planned, students should be able to:

1. Understand the structural organization of the body and initial roles of the first responder

2. Understand the body’s support exchange system

3. Understand the body’s nutrient exchange and communication systems

4. Understand the body’s hormone control systems

**Basis for Evaluation**

Projects 50%

Quizzes/Classwork 30%

Test 20% (no retakes)

All homework is due at the **beginning of class**. Work not turned in at the very beginning of class will receive a late grade.

 Late grade policy: 1 day late is 25 points automatically deducted. Additional 15 points on second day.

**\*The CTE- End of Course State Exam will count as 20% of the final course grade – CANNOT BE EXEMPTED!**

**Classroom Norms**

* Use blue or black ink only
* Your name, date, and class period must be in ALL your work
* Turn in assignments via Canvas to receive full credit

**Missed Assignments**

* It is the student’s responsibility to take missed tests and all other class assignments (after school) within 3 days from the student’s return based on the number of consecutive days missed.
* If a student is absent the day a test or project is due and the student was aware of the due date prior to the absence, the item is due on the assigned date or immediately on the student’s return.

**REQUIRED:**

**Honors HS 1 Canon’s Class Remind 101**: **text @hhs1fall20 to 81010**

Don’t have a mobile phone? Go **to** rmd.at/@hhs1fall20on a desktop computer to sign up for email notifications.

**Please consider donating: Facial Tissue Box, Hand Sanitizer, Antibacterial Wipes (we use a lot of these in class). Thank you!**

**HOSA – HEALTH OCCUPATIONS STUDENTS OF AMERICA**

 **Dues are $25.00. This amount covers all fees for local, district, state, and national affiliations**.

* + Health Science T-shirt - $10 (short sleeves) or $15 (long sleeves)
	+ HOSA membership fee due 3rd week of September or 2nd week of Spring Semester. There’s an application form and certain criteria will apply especially if you’re running for an officer position

 

* HOSA is an international Career and Technical Student Organization for those who are interested in pursuing a career in the health care field. HOSA provides students with opportunities to develop leadership, career, and personal skills needed by health care providers. It is a valuable opportunity for anyone planning on a career in the health care industry. HOSA members are afforded special consideration in the admission procedures to colleges & universities. HOSA also offers scholarships. Being able to add HOSA to your resume is an asset. HOSA is not just another school club….it is co-curricular. It will be incorporated into our curriculum allowing you opportunities to earn extra grades just for participating and being involved with it. HOSA also allows you the opportunity to interact with members from other schools locally and nationally, travel, and represent your school in competitions.
* Although HOSA is not mandatory, it is **highly recommended that you join.**
* **Activities:**
* Competitions at regional, state, and national levels, fieldtrips (can be virtual), community involvement and education, fundraisers, holiday events, and other health related activities. HOSA is run by the student officers & student members. To hold office and/or to participate in the competitions & conferences, you must be a paid member with good moral standing. In addition, you must maintain a 3.0 un-weighted GPA in academic courses and school wide.
* **Regional Leadership Conference**
* **HOSA Week**
* **State and International Leadership Conference**
* **Service-Learning Opportunities**
* **Health Education**
* **Public Service Announcement**
* **HOSA meeting: every 3rd Thursday of the month at 3:40 pm**

**Canon’s Honors Health Science 1 /Course Contract**

PRINT Student Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date:\_\_\_\_\_\_\_\_\_\_\_\_ Block \_\_\_\_\_

I have read the course syllabus, policies and procedures carefully; I understand them and agree to abide by them. In addition, I understand:

* I am Required to participate/practice in all class activities
* I am Required to follow dress code set by Southwest Guilford High School daily
* I am expected to display a professional behavior at all times
* The Importance of regular attendance
* The Required materials for this class and when they are due, and that I must have them daily
* The Health Occupations Students of America (HOSA) is highly recommended for any student going into the healthcare profession. HOSA is an internationally recognized club that is involved with many aspects of the community throughout each school year. **Dues are $25.00**. This amount covers all fees for local, district, state, and national affiliations. **HOSA shirt** = $ 10 (short sleeves) $ 15 (long sleeves)
* Academic Honesty policy
* Required classroom materials: coloring pencils, scissors, glue stick, 2-inch binder with dividers, index cards, notebook, folder, (headphone and flash drive desirable), facial tissue, and hand sanitizer

**\*Students and parents need to be aware that Honors Health Science course includes anatomical terminology, medical illustrations and actual medical/trauma photographs and videos aligned with course objectives.**

Print Student Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Student’s Signature**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Contact # \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Student’s Email \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Print parent/s Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Parent’s Signature**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Contact # \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Parent’s Email\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**\*\*\* Keep the course syllabus in your class binder**

**Submit completed form before Friday for your 1st Classwork Grade!**