

## Health Science I Course Syllabus 2017-2018

Instructor: Mrs. Ann Hager Email: [hagera2@gcsnc.com](mailto:hagera2@gcsnc.com)

### Description of the course:

This course focuses on human anatomy, physiology and human body diseases and disorders, and biomedical therapies. Students will learn about health care 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. Work-based learning strategies appropriate for this course include service learning and job shadowing. Apprenticeship and cooperative education are not available for this course. Biology is recommended as preparation for this course.

### Materials needed:

Notebook/Binder to hold notes, returned papers, etc. Paper, pencil/pens(black ink), index cards, highlighter (optional). Materials must be brought to class daily. Additional items may be required.

### Assessments:

There will be a unit test after each unit on our designated class test day, which is **Tuesday**. It will be announced and written on the board at least two days in advance of the actual test day. There will be announced and unannounced quizzes as needed. If a student has been absent and a test was announced on a day the student was present, the student is expected to take the test on its regularly scheduled day unless there are extenuating circumstances or prior arrangements have been made with the teacher. It is the responsibility of the student to check the designated box for missed assignments.

### Make-up work policy:

Assignments must be turned in on time. Assignments that are given on a day that you are in class and you are absent the following day are due the next that you return to class. Assignments given while you are absent from class are due within **three** days after you return to school. All tests need to be made up within three days after the absence. **WARNING:** Make-up tests may be in a different format than the original.

### Grading (grades will be calculated as follows):

Tests 40%

Projects 20%

Quizzes 25%

Homework/Classwork 15%

Our testing day will be **Tuesday**, so all tests will be administered then, unless unusual circumstances dictate another day be used.

**Please note the GCS policies below regarding tardiness and electronic devices:**

### **TARDY DISCIPLINE STEPS**

1 <sup>st</sup> Tardy	Warning
2 <sup>nd</sup> Tardy	Teacher contacts parent and/or guardian & documents contact
3 <sup>rd</sup> Tardy	Teacher contacts parent and/or guardian & documents contact
4 <sup>th</sup> Tardy	Teacher assigned After School Detention
5 <sup>th</sup> Tardy	Teacher make Academic Referral to Counseling Counseling contact of parent; may also include Parent-Teacher Conference
6 <sup>th</sup> Tardy	Teacher completes Discipline Referral; Administrative action steps

- Additional policy steps will be determined in collaboration with the Administrative Team, Counseling Department, Principal Staff Advisory Team, Crisis Team, and the Western Guilford Leadership Team.
- Additional potential Tardy discipline options: Mandated tutorials, Attendance Intervention Contract, suspension of driving/riding privileges, In School Suspension, and/or Out of School Suspension.

### **ELECTRONIC DEVICES POLICY**

- ***“Out of Sight, Out of Sound during class.”***
- All Cell phones must be put away during class.
- Electronic devices may **ONLY** be used for instructional purposes as directed by content area teacher and during class changes and /or lunch.
- Students are not allowed to answer the phone, text, or check the phone at any point during class.
- Parents/guardians or family members must contact the main office and/or a designated school official to contact a student during instructional time.
- **Western Guilford is NOT responsible for the items are lost, damaged, and/or stolen.**

### **ELECTRONIC DEVICE STEPS**

1 <sup>st</sup> offense:	Verbal warning
2 <sup>nd</sup> offense:	Device is taken and returned to the student at the end of the class period. Parent/guardian contacted.
3 <sup>rd</sup> offense:	Device is taken, given to the front office, and returned at the end of the school day to the student. Parent/guardian contacted. Students will be required to sign the Electronic Release Form in the main office.

4<sup>th</sup> offense: Device is taken and given to the front office. Parent/guardian contacted. Parents are required to pick up the student’s device from the main office and sign the Electronic Release Form.

- Repeat violations may result in ASD, ISS and/or up to 3 days OSS.
- Additional policy steps may be added via review by and in collaboration with the Administrative Team, Principal Staff Advisory Team, Crisis Team, and the Western Guilford Leadership Team (WGLT).

I will be available for tutoring on Wednesdays from 4:00pm-5:00pm. I can be reached by email at [hagera2@gcsnc.com](mailto:hagera2@gcsnc.com) for any questions that you may have. I look forward to working with you and your child this year.

**Mrs. Ann Hager RN, BSN**

**Medical Careers**

**Western Guilford High School**

**409 Friendway Rd.**

**Greensboro, NC 27410**

**336-316-5800**

## **HEALTH SCIENCE EDUCATION**

### **COURSE BLUEPRINT OF ESSENTIAL STANDARDS for 7240 HEALTH SCIENCE I**

(Hours of Instruction: 135-180)

ES # Obj #	Unit Titles/Essential Standards and Objective Statements (The Learner will be able to:)	Local Use	Course Weight	RBT Designation	Integrated Skill Areas	Core Supp
1	2	3	4	5	6	7
	<b>Total Course Weight</b>		<b>100%</b>			
<b>A</b>	<b>HUMAN BODY’S SUPPORT, MOVEMENT AND USE OF NUTIENTS</b>		<b>52%</b>			

ES #	Unit Titles/Essential Standards and Objective Statements	Local	Course	RBT	Integrated Skill Areas	Core
Obj #	(The Learner will be able to:)	Use	Weight	Designation		Supp
1	2	3	4	5	6	7
<b>1.00</b>	<b>Understand the body's systems of support and movement</b>		<b>17%</b>	<b>B2</b>	<b>H/SC/M</b>	<b>Core</b>
1.01	<i>Remember structural organization.</i>		5%	A1	H/SC	Core
1.02	<i>Remember the structures of the skeletal system.</i>		2%	A1	H/SC	Core
1.03	<i>Understand the functions and disorders of the skeletal system.</i>		4%	B2	H/SC	Core
1.04	<i>Remember the structures of the muscular system.</i>		2%	A1	H/SC	Core
1.05	<i>Understand the functions and disorders of the muscular system.</i>		4%	B2	H/SC/M	Core
<b>2.00</b>	<b>Understand the body's use of nutrients</b>		<b>35%</b>	<b>B2</b>	<b>H/SC/M</b>	<b>Core</b>
2.01	<i>Remember the structures of the circulatory system.</i>		4%	A1	H/SC	Core
2.02	<i>Understand the functions and disorders of the circulatory system.</i>		10%	B2	H/SC/M	Core
2.03	<i>Remember the structures of the lymphatic system.</i>		2%	A1	H/SC	Core
2.04	<i>Understand the functions and disorders of the lymphatic system.</i>		3%	B2	H/SC	Core
2.05	<i>Remember the structures of the respiratory system.</i>		2%	A1	H/SC	Core
2.06	<i>Understand the functions and disorders of the respiratory system.</i>		6%	B2	H/SC	Core
2.07	<i>Remember the structures of the digestive system.</i>		2%	A1	H/SC	Core
2.08	<i>Understand the functions and disorders of the digestive system.</i>		6%	B2	H/SC	Core
<b>B</b>	<b>HUMAN BODY'S COMMUNICATION AND HORMONE CONTROL SYSTEMS</b>		<b>48%</b>	<b>B2</b>	<b>H/SC/M</b>	<b>Core</b>

ES #	Unit Titles/Essential Standards and Objective Statements	Local	Course	RBT	Integrated Skill Areas	Core
Obj #	(The Learner will be able to:)	Use	Weight	Designation		Supp
1	2	3	4	5	6	7
<b>3.00</b>	<b>Understand the body's communication systems</b>		<b>20%</b>	<b>B2</b>	<b>H/SC/M</b>	<b>Core</b>
3.01	<i>Remember the structures of the nervous system.</i>		2%	A1	H/SC	Core
3.02	<i>Understand the functions and disorders of the nervous system.</i>		7%	B2	H/SC	Core
3.03	<i>Remember the structures of the sensory system.</i>		2%	A1	H/SC	Core
3.04	<i>Understand the functions and disorders of the sensory system.</i>		3%	B2	H/SC	Core
3.05	<i>Remember the structures of the integumentary system.</i>		2%	A1	H/SC	Core
3.06	<i>Understand the functions and disorders of the integumentary system.</i>		4%	B2	H/SC/M	Core
<b>4.00</b>	<b>Understand the body's systems of hormone control</b>		<b>28%</b>	<b>B2</b>	<b>H/SC/M</b>	<b>Core</b>
4.01	<i>Remember the structures of the urinary system.</i>		2%	A1	H/SC	Core
4.02	<i>Understand the functions and disorders of the urinary system.</i>		5%	B2	H/SC/M	Core
4.03	<i>Remember the structures of the endocrine system.</i>		3%	A1	H/SC	Core
4.04	<i>Understand the functions and disorders of the endocrine system.</i>		6%	B2	H/SC/M	Core
4.05	<i>Remember the structures of the reproductive system.</i>		4%	A1	H/SC	Core
4.06	<i>Understand the functions and disorders of the reproductive system.</i>		8%	B2	H/SC/M	Core