

Randolph County School System  
Trinity High School HU40—Health  
Science I

## Syllabus

### INSTRUCTOR INFORMATION:

Name – Cheri Conner RN, BSN

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Planning: 2<sup>nd</sup> period, Availability Before and/or After School

Department Chairperson: Andy Hines

Office: Administration building

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**COURSE DESCRIPTION:** 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. 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 preparation for this course.

Prerequisites/requisites: Biomedical Technology I recommended Credits: 1

**COURSE OBJECTIVES/COMPETENCIES:** More specifically, upon completion of the course the student should be able to:

- 1.01 Understand types of body tissues
- 1.02 Understand anatomical structures
- 1.03 How to recognize/respond to emergencies

- 2.01 Skeletal System
- 2.02 Muscular System
- 2.03 Integumentary System

- 3.01 Digestive System

3.02 Urinary System

3.03 Nervous System

3.04 Sensory System

4.01 Lymphatic System

4.02 Endocrine System

4.03 Reproductive System

**TOPICS TO BE COVERED:**

Week 1-2 Remember structural organization of body Test Day 4 Skeletal System Test Day 9

Week 3-4 Muscular System Test Day 14 Circulatory System

Week 5-6 Circulatory System Test Day 24 Lymphatic System Test Day 28

Week 7-8 Respiratory System Test Day 35 Digestive System

Week 9-10 Digestive System Test Day 42 Nervous System Test Day 50

Week 11-12 Sensory System Test Day 54 Integumentary System Test Day 59

Week 13-14 Urinary System test Day 65 Endocrine System Test Day 70

Week 15-16 Reproductive System Test Day 79

Week 17 Exam review

Week 18 Exams

**TEXTBOOK:** Body Structures and Functions 11th edition Scott and Fong

**ADDITIONAL MATERIALS:** Notebook paper and pencils. Flash stick would be useful for making copies in my classroom. Colored pencils, crayons, highlighter, 2-inch binder and bound composition book.

**EVALUATION:** Test- 25%

Quizzes 25%

Classwork 25%

Projects 25%

**GRADING SCALE:** A 90-100

B	80-89
C	70-79
D	60-69
F	Below 60

ATTENDANCE POLICY: RCSS policy

CLASSROOM POLICIES: Classroom Rules Contract

1. Be in class when the bell rings, take your seat and have materials ready to begin bell ringer on the board. **NO TALKING!**
2. No talking unless answering a question or in a group activity.
3. Remain in your seat and quiet, raise your hand to be called to speak or leave your seat.
4. All test, papers, projects, etc. must have your name, class, period and date or it will not be graded. Documentation in medicine is very important. A patient could die.
5. Turn all assignments in and place in folder after grading
6. Listen and follow all directions the **FIRST** time.
7. No food, drink or gum in class without my permission.
8. **NO** heads down on desk or sleeping in my class.
9. No personal hygiene in class. (makeup, hair brushing, etc.)
10. **NO** working on class work from another class in my class. If I see it, it is **MINE**.
11. Follow all Trinity School rules.
12. Show respect at all times for yourself and others.

Rules of equipment use

1. Use no equipment without asking my permission.
2. Put away all materials and equipment at the end of class.
3. Pick up any trash around your desk and put in trash.
4. Notify me if any equipment breaks immediately.

Make up work

1. Students are responsible for asking teacher for all work missed.
2. All student work is due 3 days after the day student returns to school.
3. Student must arrange time to make up any test.
4. Any work not turned in by due date will count as a zero.
5. After the 5th absence the highest grade allowed is 65.

Consequences of breaking contract

1. Warning to student.
2. After school detention and call to parent.
3. ISS - handled by administration.

Student signature \_\_\_\_\_

Parent/Guardian signature \_\_\_\_\_

**SAFETY**—See THS student handbook policies for lab/shop settings—safety glasses, shoes, hair, etc. and procedures for lockdown, tornado, fire, and/or other hazard drills.