

ETOWAH HIGH SCHOOL

Health Science-2023-2024

Course: Foundations of Health Science

COURSE SYLLABUS

INSTRUCTOR: Stephanie Skelton, RN, BSN

Course Description: Foundations of Health Science is a required one-credit course that introduces students to a wide range of health careers. Integrated academics combined with health care knowledge and skills provide the framework for strong health care delivery systems in the twenty-first century. This course is the prerequisite for all the health science courses. It is recommended for students who want to prepare for further study in an array of health-related fields at the postsecondary level.

Prerequisites: This course is open to 9th-12th grade students.

Course Goals:

1. Assist students in making realistic assessments of different health career opportunities.
2. Provide a review of human anatomy, physiology, and disease processes.
3. Provide an introduction to healthcare systems and language.
4. Prepare the student for successful job seeking skills.
5. Provide a learning environment that simulates a healthcare setting.

Delivery of Instructional Content: Course content will be delivered traditionally using lectures, independent study, activities, return demonstration, skill assessments, and projects. Students not in a traditional classroom may be offered virtual learning.

Essential Questions: What skills and knowledge are essential for success as a health care worker in the 21st century?

Numeracy Anchor Statement: Improve student mathematical skills in a Project-Based Learning environment through technical related activities that prepare students for successful transition into a high demand and high wage occupation in the 21st century workforce.

Literacy Anchor Statement: Improve student reading, writing, and comprehension skills in a Project Based Learning environment through technical related activities that prepare students for successful transition into a high demand, high wage occupation in the 21st century workforce.

Available Student Credential: Various career ready credentials are available for Health Science students. CPR Certification will be offered as well as CCMA through NHA.

Assessment Procedures: Grades will consist of the following: Exams, quizzes, written assignments, projects, skill assessments, homework, and online work.

ADA Policy: Students with academic or other disabilities will have accommodations met in the classroom as outlined by their Individualized Education Plan.

Make Up Work: Students missing class for an excused absence will have three days to make up any missed tests and/or assignments. If more time is needed due to an extended absence, arrangements can be made at the instructor's discretion upon request by the student and/or parents. For students missing assignments and/or tests due to an unexcused absence, no credit will be awarded for any missed work.

Course Outline:

- I. **Safety (Unit 1)**
 - A. **Types of healthcare delivery systems for services, types of facilities, and access to care**
 - B. **Safe work practices in healthcare, OSHA standards, observance of emergency procedures and protocols, knowledge of body mechanics as related to the field of ergonomics**

- II. **Career Opportunities (Unit 2)**
 - A. **Health science pathways and careers**
 - B. **Roles and responsibilities of individuals as members of the healthcare team**
 - C. **History of health care**

- III. **Medical Terminology (Unit 3)**
 - A. **Basic medical symbols and terms, including pronunciations, abbreviations, prefixes, suffixes and root words**

- IV. **Anatomy Overview (Unit 4)**
 - A. **Basic structures and functions of the human body systems**

- V. **Communication Skills (Unit 5)**
 - A. **Effective communication skills in the field of healthcare, including addressing clients respectfully**
 - B. **Information technology applications required for health science careers**

- VI. **Employability Skills (Unit 6)**
 - A. **Employability traits needed in health science careers**

- VII. **Legal and Ethical Implications (Unit 7)**
 - A. **Legal responsibilities, limitations and implications within the healthcare setting**
 - B. **Ethical practices and issues required within the healthcare setting**

- VIII. **Health and Wellness (Unit 8)**
 - A. **Fundamentals of health promotion and wellness**

- IX. **Technical Skills (Unit 9)**
 - A. **Common technical skills required in the healthcare industry**
 - B. **Mathematical concepts in a health-related setting**

- X. **Financial Literacy (Unit 10)**

A. Personal career plan in a chosen health science pathway

Grading Scale:

A-90-100

B-80-89

C-70-79

D-60-69

F-59 and below

CTSO: . HOSA members have the opportunity to compete in health related events at the local, state, and national levels. Scholarships are also available through HOSA. The HOSA fee is \$25 and is open to all students.

Supplies needed for course: A binder or notebook dedicated to Health Science, paper, **blue or black** pens, pencils.

There is a class fee of 20.00 per course for the Health Science. This money is used for disposable items needed for instruction and other class supplies needed to be purchased for individual student use.

**Items on the course syllabus are subject to change based on course scheduling and events out of the Instructor's control.