**FOUNDATIONS OF HEALTH SCIENCE**

**SAMANTHA YATES, LAT, ATC**

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**COURSE NAME:** Foundations of Health Sciences

**COURSE GOALS:** Upon successful completion of the course, students will demonstrate knowledge of proper safety procedures, medical terminology, human anatomy, and legal and ethical implications as they pertain to the medical field. Students will be able to identify a variety of roles in the health care field and make educated decisions on future careers.

**ESSENTIAL QUESTIONS:**  What skills and knowledge are needed for a successful career in health care in the 21st century?

**COURSE DESCRIPTION:** Foundations of Health Sciences is a one credit course that offers the basic understanding of a wide variety of careers within the health care field. Integrating academic and project based healthcare information, skills and knowledge will provide a framework for work in this professional field.

**CTSO:** Career and technical student organizations are integral, co-curricular components of each career and technical education course. These organizations serve as a means to enhance classroom instruction while helping students develop leadership abilities, expand workplace-readiness skills, and broaden opportunities for personal and professional growth. The CTSO for the health science pathway is **HOSA. The membership fee for HOSA is $20.**

**INSTRUCTIONAL PHILOSOPHY:** All students are expected to meet all course goals. Instruction will include, but is not limited to, lectures, PowerPoint presentations, videos, demonstration, question and answer, guest speakers, and hands on application. Each student **MUST** meet basic goals without accommodations, so **ALL** students must be able to use academic skills such as mathematics, science, and language arts.

Because employability skills are taught in this course, students will have daily grades based on participation and class work. Therefore, if a student is **NOT** in class that day they **CANNOT** receive class participation points for that day. **THIS INCLUDES STUDENTS IN ECAP OR SUSPENDED**.

**COURSE OUTLINE:**

|  |  |
| --- | --- |
| **WEEK** | **TOPIC** |
| One | Class and HOSA Orientation/Safety |
| Two | Safety |
| Three | Employability Skills |
| Four | Employability Skills |
| Five | Communication Skills |
| Six | Career Opportunities |
| Seven | Career Opportunities |
| Eight | Anatomy Overview |
| Nine | Anatomy Overview |
| Ten | Anatomy Overview |
| Eleven | Anatomy Overview |
| Twelve | Medical Terminology (Embedded Literacy) |
| Thirteen | Health and Wellness |
| Fourteen | Legal and Ethical Implications |
| Fifteen | Technical Skills (Embedded Numeracy) |
| Sixteen | Technical Skills (Embedded Numeracy) |
| Seventeen | Financial Literacy/ Project Presentations |

**ASSESSMENT PROCEDURES:** Students’ performance will be assessed using daily participation, written tests, skills performance, and presentation.

**GRADING SCALE:**

|  |  |
| --- | --- |
| **SUBJECT** | **GRADE PERCENTAGE** |
| Daily Participation/ written classwork | 40% |
| Skills/ Tests | 60% |

**Semester Grade: Each nine weeks is 80% class work and 20% final project**

**CULMINATING PRODUCT:** Knowledge and skills necessary for a career in health care. Students will complete a culminating project in which they research a healthcare career and create a presentation in the form of PowerPoint. This is the “final project”.

**CODE OF CONDUCT: Students are expected to comply with the following classroom rules**

1. Be **professional** at all times. This includes language and interactions with fellow students and teacher.
2. Be seated with all supplies **before** the tardy bell.
3. Work without interrupting others.
4. Treat others with **RESPECT** at all times.
5. **USE OF CELL PHONES IS PROHIBITTED**

**COMMUNICATION:** Students-- join the class REMIND by sending the following code (**@9eh676a**) to 81010. This will be our primary form of communication along with Google Classroom.

**INDUSTRY RECOGNIZED CREDENTIALS (CRI):** N/A

**ACKNOWLEDMENT**

**I, \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, and my parent/guardian have received and read a copy of the Foundations of Health Sciences syllabus.**

**We understand that students receive daily participation points for employability skills (attendance, classroom participation, staying on task and completing assignments in a timely manner). Points will be deducted if student fails to meet these standards. This prepares students for career readiness in a real world environment.**

**We understand we can contact the Foundations of Health Sciences instructor, Samantha Yates, at 334-567-1218 between the hours of 9:00am and 11:45am with any questions/concerns.**

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**Parent/Guardian Signature Date**

**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Print Parent/Guardian Name**

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**Student Signature Date**