



**SOUTH COBB HIGH SCHOOL**  
**INTRODUCTION TO HEALTH SCIENCE**  
**COURSE SYLLABUS**

Instructor: Dr. Jeannette Francis-Ferris  
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Introduction to Health Science is the foundational course for all Health Science pathways and is a prerequisite for all other Health Science pathway courses. This course will enable students to receive initial exposure to the many Health Science careers as well as employability, communication, and technology skills necessary in the healthcare industry. The concepts of human growth and development, interaction with patients and family members, health, wellness, and preventative care are evaluated, as well as the legal, ethical responsibilities of today's healthcare provider. Fundamental healthcare skills development is initiated including microbiology, basic life support and first aid. This course will provide students with a competitive edge to be the better candidate for either entry into the healthcare global marketplace and/or the post-secondary institution of their choice to continue their education and training.

**Instructor/ Planning Period:** Dr. Francis-Ferris – no planning period. I am available before and after school, with advance notice.

**Overview of Topics Covered:** A daily agenda and/or course blog will inform students of upcoming events and the schedule of tests, and project dates. This information is subject to adjustments, and you will be informed if adjustments are made.

The course will cover the following topics:

**HS-IHS-1**

Demonstrate employability skills required by business and industry.

**HS-IHS-2**

Demonstrate standard safety practices for all classroom, laboratory and field experiences. Understand the existing and potential hazards to clients, co-workers, and self, and prevent injury or illness through safe work practices by following current health and safety policies and procedures.

**HS-IHS-3**

Describe how various healthcare roles fit into the office/department, the organization and the overall health care environment. Identify how key systems affect services performed and quality of care.

**HS-IHS-4**

Develop a Career Plan.

**HS-IHS-5**

Evaluate the impact of diversity and ethics on healthcare delivery.

**HS-IHS-6**

Demonstrate an understanding of the legal responsibilities, limitations, and implications of their actions within the healthcare delivery setting. Evaluate the importance of their duties according to regulations, policies, laws and legislated rights of clients.

**HS-IHS-7**

Identify and demonstrate the various methods of providing and obtaining information from patients, family members, other agencies, and other members of the healthcare team.

**HS-IHS-8**

Practice preventive health behaviors personally and professionally.

**HS-IHS-9**

Analyze different types of microorganisms and their defining characteristics to reduce the risk of infection or illness. Demonstrate physicochemical methods and the use of PPE in preventing and controlling the spread of microbial growth.

**HS-IHS-10**

Demonstrate CPR, First Aid and the AED utilizing current standards.

**HS-IHS-11**

Describe the stages of development from birth to adulthood (i.e. neonatal period, infancy, childhood, adolescence and puberty, adulthood, and geriatrics).

**HS-IHS-12**

Utilize information technology applications required within all career specialties. Demonstrate use as appropriate to healthcare applications.

**HS-IHS-13**

Apply mathematical computations related to healthcare procedures.

**HS-IHS-14**

Explore how related student organizations are integral parts of career and technology education courses through leadership development, school and community service projects, entrepreneurship development, and competitive events.

**Textbook:** Health Science Fundamentals, Revised First Edition

Replacement cost: \$105.00

**Attendance:** Most of the instruction in this course will come from lectures, assignment sheets, and classroom activities. The majority of the learning opportunities and experiences cannot be reproduced at home or after class; therefore, makeup work may not portray what you missed in class. Students are expected to find out what assignments were missed during their absence. **This is the responsibility of the student.**

**Make-up work:** A student returning from an **excused** absence will have 3 school days to make-up work that was missed. Failure to do so will result in a zero for the missed



**Basic Classroom Expectations:** Use your S.M.A.R.T.S.

- **S:** Show respect for everyone (yourself, students, teachers, staff, and visitors) and all equipment and materials. Treat others the way you would like to be treated. Treat equipment the way you would like your possessions treated.
- **M:** Maintain a professional atmosphere. Clean up your desk and work area before leaving class. Push chair under desk before leaving class. Take care of personal hygiene and grooming in the restroom between classes.
- **A:** Arrive in class prepared to learn. Have all necessary supplies at hand and take your assigned seat. Sharpen pencils before the tardy bell rings.
- **R:** Raise your hand to be recognized.
- **T:** Turn all assignments into your class folder/bin by the designated deadline.
- **S:** Stick to all procedures in the South Cobb student handbook regarding tardiness, the dress code, use of electronic devices, and all other policies.

**Other expectations include:**

- Food and drink should be discarded before entering the classroom.
- A pass must always be used when leaving the classroom.
- Internet use is limited to research for class-work only. Therefore, e-mail, downloading or instant messaging will have to be conducted outside of the classroom setting.

Additional class expectations and procedures will be discussed in class.

**Violation of classroom rules may result in the following:**

- Loss of employability/work ethic points
- Conference call with parent
- Zero for the day
- Administrative referral

**Cheating:** Classroom dishonesty is not allowed. I expect each student to uphold our academic integrity (and hopefully yours) and not cheat. You are expected to submit work that has been completed solely by you, unless, group assignments have been made. If you cheat in this classroom, you will receive a zero on the assignment, your parents or guardians will be informed, and you will not be allowed to complete the same or similar assignment at another date, and additional disciplinary action will be taken. Please be aware of the seriousness of this violation.

**Supplies needed:** loose leaf paper, note book, binder/folder, blue or black ink pens, pencils, markers, colored pencils, glue, 3x5 or 4x6 note cards, **flash drive**