

HEALTH SCIENCE COURSE SYLLABUS

Course Title: Foundations of Health Science

Instructor: Hollie Higdon, RN, BSN, CSPI

Course Prerequisites: Instructor approved application

Course Description: Foundations of Health Science is a 1 credit course designed for junior students in the Career and Technical Education (CTE) department at Hillcrest High School. This course allows students to explore career opportunities in the health care system; discover roles, educational requirements, and opportunities for advancement in health related careers; develop employability and communication skills essential for success in health science careers; and acquire foundational client care skills relative to health care careers. The knowledge and skills obtained in the Foundations of Health Science course will provide a basis for advancement into subsequent Health Science classes offered during the student's senior year.

Course Requirements: Scrubs, BLS for Health Care Providers (CPR), First Aid, CERT (Community Emergency Response Teams), Transportation to and from off campus activities

CTSO: HOSA (Health Occupations Students of America) is the career and technical student organization affiliated with Health Science course of study. It serves as a means to enhance classroom instruction while helping students develop leadership skills, expand work-readiness skills, and broaden opportunities for personal and professional growth. All students are encouraged to join HOSA. Membership dues are \$20 per academic year.

Course Goals:

- 1) Provide a learning environment that replicates a healthcare setting
- 2) Provide opportunities for students to gain practical, hands-on experience and develop a body of knowledge common to a variety of health care careers
- 3) Meet learning needs of all health science students
- 4) Prepare students for entry and acceptance into health careers and/or post secondary education program.
- 5) Foster individual and professional growth and development strategies
- 6) Develop and enhance skills in critical thinking, effective communication, problem solving, and decision making

Instructional Philosophy: It is my belief that students possess the ability and desire to learn content relative to their interests and career goals when information is presented in an inviting atmosphere. Therefore, it is my goal to create such a learning environment through classroom, lab, and clinical opportunities. Students will engage in activities to achieve learning through a variety of methods including but not limited to classroom lecture, note taking, modules with instructor assistance, training videos, skills practice and performance, field trips, guest speakers, and hands-on clinical experience. It is my goal to create and provide an inviting atmosphere which facilitates active learning where professionalism is emphasized at all times.

Course Outline:

- 1) Employability and communication skills
- 2) Legal and ethical implications
- 3) Client care procedures
- 4) Medical mathematics
- 5) Basic technical health care skills
- 6) Health care systems and careers
- 7) Health care provider and patient safety
- 8) Health and wellness promotion
- 9) Technology specific to health care industry

Textbooks and Resource Materials:

Diversified Health Occupation, 6th Edition

Additional educational resources including but not limited to video/DVD material, guest speakers, field trips, laboratory equipment, computer software programs, web based materials, etc. will also be used to facilitate and enhance learning experiences. Students in the Health Science Internship and Therapeutic Services class will have exposure to all aspects of the human body in forms including but not limited to hands-on patient care, video/DVD material, guest speakers, classroom assignments, field trips, laboratory equipment, etc. All instructional materials used in this class are important for the students' overall learning experience. However, if you do not wish for your child to take part in these learning activities, please contact me. Failure to respond in writing will automatically submit your approval.

Available Industry Credentials: BLS for Health Care Providers, CERT, First Aid

Attendance: The district attendance policy will apply in the Foundations of Health Science class. Please refer to the parent/student handbook for information specific to absences and make-up work. Excuses must be received in the office no later than two days after returning to class, and it must be signed by instructor before make-up assignments will be discussed. *It is the responsibility of the student to request make-up work and schedule make-up times with the instructor.* Students will earn zeros for any work not made up within the time period discussed and approved by the instructor. No late assignments will be accepted.

Assessment Procedures: Student assessment/evaluation will include attendance and participation, employability skills, daily work, journals, skill performance evaluation, and tests of content covered in both the classroom and lab component.

Grading Scale:

- A... 90-100 points
- B... 80-89 points
- C... 70-79 points
- D... 60-69 points
- F... 59 points and below

Foundations of Health Science 9 Weeks Grading Policy:

Tests

Unit Tests, Medical Terminology and/or Abbreviations Tests- 100 points

Projects

1 project per each 9 week grading period – 100 points

Skills

Skills performed will be graded as either Pass (100) or Fail (0).
The student will receive 2 attempts to pass off on the skill.

Written Assignments

Note cards, graded class assignments, homework, field trip and/or guest speaker reports- 100 points

Daily Employability Skills

The development of positive employability skills is an integral part of the health science career and technical program. Therefore, students will be graded on the criteria set forth in the Foundations of Health Science Classroom Rules and Expectations – 10 points/day

9 Week Exams

Comprehensive 9 week exams – 200 points

Final Course Exam

The comprehensive final exam will account for 20% of final grade for the course. Please refer to the TCSS Parent-Student Information Guide for the 2015-2016 School Year for information regarding exam exemption policy. Missing more than one half of a class period counts as a full absence for exemption purposes. Attendance for exemption is counted per each class period. Absence from an off-campus field trip activity will be counted as a full absence.

Final Course Grade

There will be a mandatory comprehensive 200 point exam given at the conclusion of each nine-week grading period. The comprehensive final exam which is administered at the end of the fourth nine-weeks grading period will count 20% of the final grade. The mandatory final exam will be administered to every student except those meeting the exemption policy criteria. For students who meet the exemption criteria, the final course grade will be determined by the average of the four nine-week grades.



Requirements to Advance to Health Science Internship and Therapeutic Services: Students who successfully fulfill the following criteria while in Foundations of Health Science will be eligible to advance to the senior level course of study. Students who fail to meet any part of the criteria will not be accepted into the Health Science Internship and Therapeutic Services component of the Health Science program. All students who meet the eligibility requirements and desire to move on to the senior level must be recommended for advancement by the Health Science instructor before registering for the course.

- Show a *genuine interest* in the health science program and its objectives.
- Maintain an overall GPA of 2.5
- Have no disciplinary referrals while in Foundations of Health Science.
- Attendance – no more than 5 absences (unless excused by a physician.), no unexcused absences, and no excessive tardies.
- Pass all required skills tests and evaluations.
- Be recommended for advancement to the Health Science Internship by the Health Science instructor.

Any student failing to show a genuine interest in the health care industry will not be advanced to Health Science Internship. Also, any student who displays unprofessional behavior in the classroom or clinical setting will not be advanced to Health Science Internship.