

Principles of Health Science Syllabus

Daniel Ninth Grade Campus, Room B202

Instructor: Alyssa Clader, BS, LVN

Remind App Code: @aclade

Class Twitter: @DNGC_healthsci

Conference: 5th period or by appt

Grade Level: 9

Prerequisite: None

Email: aclader@aledoisd.org

Google Classroom Code: 167knv4

Class Phone: 817-441-1463

Tutorials: During I30 or by appt

Semesters: 2

Credit: 1

Course Description: Principles of Health Science is an introductory course in the Health Science pathway provided at Aledo ISD. This course is designed to provide for the early development of knowledge and skills related to a wide variety of careers in the medical industry as well as the knowledge of effective communication, ethical and legal responsibilities, patient care techniques, workplace safety, basic anatomy and physiology, first aid, and CPR. Students are expected to learn to reason, think critically, make decisions, solve problems, communicate effectively and employ professional integrity while in this class. Students will be encouraged to understand the meaning of professionalism in the workplace as determined by characteristics displayed and practiced throughout the school year. A full year completion of this course satisfies the local graduation credit for health. This course serves as a prerequisite for Medical Terminology, Health Science Clinical, and Practicum in EKG/CNA.

Instructional Philosophy: This class will offer a variety of learning such as hands-on activities, class discussions, problem solving scenarios, direct teaching, oral presentations, and project based learning while focusing on how the use of soft skills and teamwork in the medical industry benefits the patients and employees. Students will also actively use technology such as the Internet and Google software to assist in individual and cooperative learning projects that will help deepen their understanding of the medical field. The completion of a project is usually followed by a presentation of the product to the class or another authentic audience.

Course Outline (order subject to change):

UNIT TOPIC

1 Healthcare Systems and History of Healthcare

2 Careers in Healthcare

3 Body Planes/Directional Terms and Homeostasis

4 Basic Medical Terminology

UNIT TOPIC

8 Human Growth and Development

9 Vital Signs

10 Nutrition and Wellness

11 Promotion of Safety

5 Intro to Anatomy and Physiology

12 First Aid and CPR/AED

6 Personal Qualities of a Healthcare Worker

13 Infection Control

7 Legal and Ethical

14 Cultural Diversity

Optional Club Fees: HOSA- Health Occupations Students of America

HOSA is a nationally recognized club dedicated to helping secondary and post-secondary health science students further their knowledge and skills of the medical industry while demonstrating leadership on and off their campus. Students have the opportunity to compete in various events up to a national level such as medical spelling and terminology, public speaking, extemporaneous writing, medical art posters, and patient care skills. Students in HOSA also can participate in year-round fundraisers and community service projects set forth by the HOSA sponsors and officers at Aledo High School. Organization dues: ~\$35 Competition events vary: ~\$10 computer testing, ~\$25 Area, ~\$50 State, \$TBD National *More information regarding HOSA will be distributed later on.

Materials Required for Class:

- 1 large spiral notebook OR composition book
- 1 pack colored tabs to mark pages in notebook
- 1 set of colored pencils, markers, or crayons
- 1 box nitrile gloves (NO LATEX) *Optional but much appreciated: Kleenex tissue, band aids, cleaning wipes

Grades:

60% Major – exams, projects, labs, etc.

40% Minor – homework, daily work, quizzes, etc.

Semester final will account for 10% of the student's grade average *See handbook for AHS exemption policy

Academic Dishonesty: Cheating will not be tolerated. The campus and district policy for Academic Integrity will be followed.

Homework: Homework will be assigned at the discretion of the instructor. It is expected to be turned in at the designated time. If homework is assigned and discussed in class the next day, a student will not be allowed to do that exact assignment for credit after listening to answers. An alternate assignment will be assigned to the student.

Late Work Policy: You are responsible for turning in assignments on time. Late work will result in a loss of 10 points for each day it is late. Assignments will not be accepted after 3 days. If papers have been returned or graded in class, an additional assignment will be given. **Major projects will not be accepted late.** These projects usually require presentations which must be given at their appointed time.

Absences/Make-up work: Students have a period of time equal to the length of the absence in which to turn in makeup work or to have developed a plan with the teacher for making up the work. A student absent for a previously scheduled test must make up the test on the day that they return to class. This does not include major projects! These are due on their original due date or the first day back at school. Make-up tests are to be taken during I30. **It is the responsibility of the student missing class for extracurricular activities to request their assignments before they leave if the assignments are available.**

Re-Test Policy: The opportunity to redo/retest is a one-time offering per summative assessment, on which the student earned a 69% or below. The higher of the two grades will be recorded in the grade book for a maximum grade of 70%. Reassessment must occur within ten instructional days of the original assessment.

Cell Phones: The student will receive one warning to correct the misuse of their phone. The student must adhere to the rules stated on the "Cell Phone Emergencies" poster hung in the classroom. Each day the student will observe the poster to determine how they will use their cell phone. If the student does not follow the poster rules, the cell phone will be taken and secured on the teacher's desk a total of two times. After that, the phone will be turned over to the front office. If a student is caught with their cell phone during a test, the phone will be turned into the office and the student will receive a 0 on the test. The cell phone policy could change if it further problems arise.

Textbooks: Simmers DHO Health Science, 8th edition

Louise Simmers, Karen Simmers-Nartker, and Sharon Simmers-Kobelak. *Simmers DHO Health Science, 8th edition*. Stamford, CT; Cengage Publishing Company

Continue to next page to view the course disclosure

HEALTH SCIENCE COURSE DISCLOSURE

Sign and return to Mrs. Clader by Friday, Aug. 23rd

Due to the nature of the content, students in the Health Science program will be exposed to a variety of medical topics/information in many forms including but not limited to: pictures, videos, movies, articles and discussions. These topics are sensitive in nature and may include graphic depictions of human anatomy, tissue illustrating surgeries, the disease processes, blood, bodily fluids and common cases witnessed in a medical setting. Also, students will be educated on and participate in discussions including but not limited to: human growth and development, reproductive anatomy, sexually transmitted diseases, eating disorders, medical ethics, and suicide. This content is curriculum based and within parameters set forth by the Texas Essential Knowledge and Skills guidelines for this class. Great care will be taken to discuss the subject matter in an objective and educational manner. The more you talk to your student about these topics prior to class the more meaningful and appropriate the class experience will be. If you have any questions or concerns, please contact the Health Science teacher, Alyssa Clader, at aclader@aledoisd.org or 817-441-1463.

By signing this document I agree that I have read and understand the syllabus and course disclosure for the "Principles of Health Science" class.

Student Name Printed & Signature: _____

Date: _____

Parent/Guardian Name Printed & Signature: _____

Date: _____

Parent/Guardian Contact Information: 1st contact preference (please check one)

_____ Mother/Guardian Email: _____

_____ Mother/Guardian Phone Number: _____

_____ Father/Guardian Email: _____

_____ Father/Guardian Phone Number: _____

It is the policy of the Aledo ISD not to discriminate on the basis of race, color, national origin, gender, or handicap in its Career and Technology Education programs, services, or activities as required by Title VI of the Civil Rights Act of 1964, as amended; Title IX of the Education Amendments of 1972; and Section 504 of the Rehabilitation Act of 1973, as amended. Aledo ISD will take steps to assure the lack of English language skills will not be a barrier to admission and participation in all educational and Career and Technology Education programs. Es norma de Aledo Independent School District no discriminar por motivos de raza, color, origen nacional, sexo o impedimento, en sus programas, servicios o activades vocacionales, tal como lo requieren el Título VI de la Ley de Derechos Civiles de 1964, según enmienda; el Título IX de las Enmiendas en la Educación, de 1972, y la Sección 504 de la Ley de Rehabilitación de 1973, según enmienda. Aledo Independent School District tomará las medidas necesarias para asegurar que la falta de habilidad en el uso de la lengua inglés no sea un obstaculo para la admisión y participación en todos los programas educativos y vocacionales.