

Course: Health Science 1

Email: *kdashfor@volusia.k12.fl.us*

Phone: 386-822-6909 ext.23408

Course Description: The purpose of this course is to provide students an overview of the human body, both structurally and functionally with emphasis on the pathophysiology and transmission of disease.

Course Pacing:

Dates	Content Standard/Unit	Learning Targets/Topics To Be Covered
1 st 9 weeks	Human Body Overview/Biochemistry	Structural/Functional organization of body, Body Planes, Directional Terms, Body Positions, Periodic Table, Compounds, Diffusion, Building blocks of chemical process in body
	Cells & Tissues	Cell structure/function of healthy and diseased tissue, Tissue types, Identification of tissues using micro/macro designation
	Disease Transmission	Genetics, Heredity, Homeostasis, Direct/Indirect causes of disease, DNA
2 nd -4 th 9 Weeks	Individual Body Systems	Integumentary System, Skeletal System, Muscular System, Nervous System, Endocrine System, Cardiovascular System, Lymphatic System, Respiratory System, Digestive System, Reproductive System, Urinary System
YEAR LONG	Communication	Medical Terminology

Content Standards/Academic Goals: By the end of the course, you must demonstrate the ability to:

1. Discuss and describe a brief overview of the human body including organization and chemical process.
2. Identify cells and tissues microscopically and macroscopically and discuss their function in the human body.
3. Identify and explain factors relating to the transmission of disease.
4. Identify and discuss the structure and function of each body system in relation to health and disease.
5. Communicate effectively as part of the health care team.

Textbooks: Applied Anatomy & Physiology-A Case Study Approach (Replacement Cost \$49.95)

Students will utilize the textbooks in the classroom setting. Students will NOT have to check out textbooks from the DHS BOOKROOM, as we will have classroom sets. Should a student need to make-up work due to illness or absence, they can check-out a book and return the book when their work is complete.

Grading Policy: Students will be graded on their consistent demonstration of proficiency of the content standards for the course. If needed, students will receive interventions when necessary and have multiple opportunities to demonstrate proficiency. As students complete the intervention activities and demonstrate proficiency, the M's will be replaced in Pinnacle with the students' most recent grades. If a student doesn't show proficiency in one or more of the content standards, the results will be an "M" (Missing); this will turn into an F if proficiency is never met. Students have to accomplish all Content Standards to earn course credit.

Students and Parents are required to utilize Vportal to access and keep abreast of their academic standing in all classes. The chart below represents how students will acquire grades based on the DeLand High School Proficiency Model.

Mission Statement

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DeLand High School will use the VCS grading scale for summative assessments of content standards:

Grade	Range	Quality Points	Description
A	90 – 100	4.0	Outstanding Progress/Mastery
B	80 – 89	3.0	Above Average Progress/Mastery
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F	0 – 59	0	Failing

Teacher's Authority to Override Final Grade: A teacher may override the final grade if a student's overall performance warrants it. Before the grade override is finalized, the teacher must notify the parent/guardian concerning the student's performance if the override may result in a lower final grade. The teacher may issue a failing grade override based on the student's overall performance only with the approval of the principal. This refers to the final grade of the grading period, or the final grade for the course.

Students who score less than 60% on an assessment will receive an M (Missing) on their interim or report card. M's will be changed appropriately (A, B, C, D, or F) by the end of each semester.

Formative work (including, but not limited to, class work, homework, quizzes, essays, presentations, and projects) will be used as tools to gauge each student's progress before the assessments. Students must complete at least 70% of formative assessments before they will be allowed to attempt the summative assessment.

Progress on formative work will be recorded using **M** (Mastery: = 90-100%), **P** (Proficiency: 70-89%), **I** (In-Progress: 069%) and **Z** (work to be made up).

Submission and Make-Up Policies: Students are to adhere to all deadlines when submitting formative and summative work. Any student needing to make-up work during school hours can arrange a time/day with the teacher, or attend a scheduled success session after-school hours. Students may elect to re-take an assessment, if they score a "B" or lower on any assessment. Re-Assessments must be completed within 15 school days. Students are required to create and submit an intervention plan (along with the teacher) to demonstrate they are "ready" to re-take an assessment by the end of the 15 day period. **Students are allowed to retake one Summative per 9 weeks.**

Success Sessions: Students may make arrangements, on an individual basis, to receive help in better understanding the curriculum. Success Sessions will be available on Early Release Wednesday's from **1:45-2:45pm**, unless the teacher has mandatory professional development workshops or meetings. See teacher for an appointment!

Honor Code: In an effort to maintain academic integrity, students are responsible for completing, producing, or turning in their own work. Students found to be in violation of completing, producing, or turning in their own work may receive a discipline referral and be subject to any and all discipline action. Students who are members of special programs, academies, clubs/groups, or sports teams may receive additional consequences. Cheating is a Level 2 discipline infraction and will result in a referral. Students who are caught cheating will receive an "M" on the assessment/assignment and will be required to complete academic intervention before being allowed another attempt at demonstrating proficiency.

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3. Act responsible and mature at all times and behave appropriately.
4. Respect all individuals, and their opinions/beliefs, within the classroom setting.
5. Please put ALL electronic devices out of sight/away (I-pods, Cell Phones, Apple watches, Electronic Games, etc.).

Materials Required: Students will need to purchase at least a 2 INCH THREE RING BINDER and COMPOSITION NOTEBOOK; where they will place ALL of their work. In addition, students need to have on hand each day notebook paper and a pen/pencil.

I am looking forward to working with you this year. If you or your parents have any concerns or questions, please contact me via e-mail at kdashfor@volusia.k12.fl.us, via phone at (386) 822-6909 ext.23408, or feel free to schedule a parent conference through our School Counseling Department at (386) 822-6909 ext.23310.

As DeLand High School embarks on a new way of assessing student learning, parents and students should know that this methodology allows for the student to receive additional assistance from their teachers to encourage them to be successful in the academic course. As a teacher with a very hands-on course, this new methodology means not only knowing what to do in certain scenarios and situations, but also how to perform the identified skill in the scenario or situation. Students will have more than one opportunity to demonstrate proficiency, if necessary. Students will be assigned formative work (mini assignments) that prepare them and lead up to summative assessments (final test, skill performance, project, etc.). Final course grades will be solely determined by showing proficiency in the content standards based on their summative assessment.

Please complete, sign, and return the following section to Ms. Ashford by Friday, August 24th, 2018.

THANK YOU,

Katy Ashford

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Course: Health Science 1

Email: kdashfor@volusia.k12.fl.us

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Internet Permission: Please initial/check one.

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Movie Permission: Please initial/check one.

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I prefer that my student be provided alternative assignments.

I have read and understand the rules and requirements of the Medical Skills & Services course. At any time, please feel free to contact me if you have any questions, concerns, or comments regarding your student.

Student Name (printed): _____

Student Signature: _____

Student E-mail Address: _____

Parent (Legal Guardian) Signature: _____

Phone number where parent can be reached: _____

Email of Parent or Legal Guardian: _____

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DELAND HIGH SCHOOL

Ms. Katy Ashford

Course: Health Science 2

Email: kdashfor@volusia.k12.fl.us

Phone: 386-822-6909 ext.23408

Course Description: The purpose of this course is to provide students with an in-depth knowledge of the health care system and associated occupations. Emphasis is placed on communication and interpersonal skills, use of technology, ethics, and the development of critical thinking and problem solving skills.

Course Pacing

Date	Content Standard / Unit	Learning Targets / Topics To Be Covered
1 st 9 Weeks	History Of Health Care	Inventions, Technology, Impacts / Movements that affect Health Care, Types of Facilities, Health Care Team, Insurance
2 nd 9 Weeks	Basic Patient Care Skills	Patient Bill Of rights, Interpersonal Relationships, Hand-Washing, Treatment Modalities, Ambulation, ADA Accommodations
	Medicolegal Ethical Decision Making	Advanced Directives, DNR, HIPPA, Licensure, Malpractice, Negligence, abuse Reporting, Sentinel Events
3 rd 9 Weeks	Basic Health Skills	Vital Signs, Patient Education, Patient Interviewing, Charting / Filing
	CPR / Basic First Aid	Emergency Action Steps, CPR, Triage, First Aid Response, Patient Assessment
	Safety & Infection Control	OHSA, CDC, NIH, Biohazard, Disease Transmission, Personal Protective Equipment, Patient / Employee Safety, Codes, Body Mechanics
4 th 9 Weeks	Wellness & Nutrition	Food Guide Pyramid, Alternative Health Options, Food Label / Servings, Eating Disorders, Obesity, Health Screenings, Therapeutic Diets
	Human Growth & Development	Physical, Cognitive, Intellectual, Social, Psychological Development of each group
	Health Care Careers	National health Care Career Standards, Education, Licensure, Continuing Education, Career Specific Research, Career Presentation
YEAR LONG	Computerized Learning	Health Care Foundations Modules
YEAR LONG	Communication	Medical Terminology

Content Standards / Academic Goals: By the end of the course, you must demonstrate the ability to:

1. Perform CPR and basic first aid.
2. Perform basic health skills.
3. Perform basic patient care skills.

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4. Discuss the history, trends, governmental impact, and the organizational levels found in health care.
5. Demonstrate safety and infection control practices to protect both the patient and myself.
6. Demonstrate proper medical legal and ethical decision-making skills.
7. Educate patients about the importance of wellness and nutrition.
8. Describe aspects related to growth and development of my patients.
9. Demonstrate skills necessary for obtaining of my patients.
10. Discuss the National Health Care Career Standards for my chosen health care career.
11. Use technology in health care through my computer modules.
12. Communicate effectively as part of the health care team.
13. Demonstrate proper dress attire in health care.
14. Actively participate in my HOSA chapter and community.

Textbooks: Health Science Technology Textbook (Replacement Value- \$ 48.95)

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