

<p>8/26-8/30</p>	<p>A&P UNIT 1A</p> <ul style="list-style-type: none"> Human Body Organization <hr/> <p>HSF 1A Introduction</p>	<ul style="list-style-type: none"> Define and discuss the terms anatomy and physiology and their relationship to one another Describe the levels of organization of the human body from simple to complex Define and describe the anatomical positions and directional terms used in human anatomy Locate and describe the main regions, sections, and cavities of the body <hr/> <ul style="list-style-type: none"> Explain the concepts of the five career pathways in health science and provide examples of jobs in each category Compare the roles and contributions of different members of a healthcare team Research and assess the level of education and training required for specific healthcare jobs Develop a logical potential career path in health sciences
<p>9/2-9/6</p>	<p>A&P UNIT 1B Human Body Organization</p> <hr/>	<p>9/2/24 NO SCHOOL LABOR DAY</p> <ul style="list-style-type: none"> Define and discuss the terms anatomy and physiology and their relationship to one another Describe the levels of organization of the human body from simple to complex Define and describe the anatomical positions and directional terms used in human anatomy Locate and describe the main regions, sections, and cavities of the body <hr/>

	<p>HSF 1B Introduction</p>	<ul style="list-style-type: none"> ● Explain the concepts of the five career pathways in health science and provide examples of jobs in each category ● Compare the roles and contributions of different members of a healthcare team ● Research and assess the level of education and training required for specific healthcare jobs ● Develop a logical potential career path in health sciences
<p>9/9-9/13</p>	<p>A&P UNIT 2A</p> <p>Chemistry Of The Body</p> <hr/> <p>HSF Unit 2A</p> <p>Healthcare today: the business of caring</p>	<ul style="list-style-type: none"> ● Summarize the relationships among homeostasis, control systems, and feedback loops ● Explain the structure and function of typical cells ● Explain mitosis and meiosis: their similarities and differences ● Describe and discuss how damage to one type of cell and/or tissue may impact the function of other cells and tissues <hr/> <ul style="list-style-type: none"> ● Compare the services of different healthcare settings ● Explain the government's role in the US healthcare system ● Distinguish between the delivery models of HMOs, PPOs, EPOs, and POSs ● Analyze the economic factors affecting healthcare ● Trace the origins of current health treatments to older practices from many cultures
<p>9/16-9/20</p>	<p>A&P UNIT 2B</p> <p>Chemistry Of The Body</p> <hr/> <p>HSF Unit 2B</p>	<ul style="list-style-type: none"> ● Summarize the relationships among homeostasis, control systems, and feedback loops ● Explain the structure and function of typical cells ● Explain mitosis and meiosis: their similarities and differences ● Describe and discuss how damage to one type of cell and/or tissue may impact the function of other cells and tissues <p>Compare the services of different healthcare settings</p> <ul style="list-style-type: none"> ● Explain the government's role in the US healthcare system

	<p>Healthcare today: the business of caring</p>	<ul style="list-style-type: none"> ● Distinguish between the delivery models of HMOs, PPOs, EPOs, and POSs ● Analyze the economic factors affecting healthcare ● Trace the origins of current health treatments to older practices from many cultures
<p>9/23-9/27</p>	<p>A&P UNIT 3A</p> <p>The Skeletal System</p> <hr/> <p>HSF Unit 3A A&P and Med Term in A Nutshell</p>	<ul style="list-style-type: none"> ● Describe the structure and function of bones ● Identify the different types of bones ● Differentiate between the axial and appendicular skeleton ● Classify joints and their specific functions ● Summarize common diseases and disorders of the skeletal system <hr/> <ul style="list-style-type: none"> ● Trace the hierarchy of the structure of the human body, from atoms all the way up to the whole organism ● Distinguish between anatomy and physiology, and discuss the relationship of these two fields of study ● Explain homeostasis and give three examples of this process ● Describe position and direction of movement in anatomical terminology ● Decipher complex medical terms and build your own medical terms from prefixes, roots, and suffixes
<p>9/30-10/4</p>	<p>A&P Unit 3B</p> <p>The Skeletal System</p>	<ul style="list-style-type: none"> ● Describe the structure and function of bones ● Identify the different types of bones ● Differentiate between the axial and appendicular skeleton ● Classify joints and their specific functions

	<hr/> <p>HSF Unit 3B A&P and Med Term in A Nutshell</p>	<ul style="list-style-type: none"> ● Summarize common diseases and disorders of the skeletal system <hr/> <ul style="list-style-type: none"> ● Trace the hierarchy of the structure of the human body, from atoms all the way up to the whole organism ● Distinguish between anatomy and physiology, and discuss the relationship of these two fields of study ● Explain homeostasis and give three examples of this process ● Describe position and direction of movement in anatomical terminology ● Decipher complex medical terms and build your own medical terms from prefixes, roots, and suffixes
<p>10/7-10/11</p>	<p>A&P Unit 4A</p> <p>The Muscular System</p> <hr/> <p>HSF Unit 4A Growth and Development Throughout The Lifespan</p>	<ul style="list-style-type: none"> ● Explain the structure and function of muscles and muscle tissue ● Describe the sliding filament theory ● Interpret the names of various muscles based on Latin terms ● Distinguish between a muscle strain and other muscle injuries <hr/> <ul style="list-style-type: none"> ● Explain the physical, emotional, and social needs of babies, toddlers, teenagers, and adults ● Predict healthcare needs throughout the life span ● Debate the value of Erikson's Stages of Psychosocial Development in modern times ● Apply Maslow's Hierarchy of Needs to understand what motivates human behavior

10/14-10/18	<p>A&P Unit 4B</p> <p>The Muscular System</p> <hr/> <p>HSF Unit 4A Growth and Development Throughout The Lifespan</p>	<ul style="list-style-type: none"> ● Explain the structure and function of muscles and muscle tissue ● Describe the sliding filament theory ● Interpret the names of various muscles based on Latin terms ● Distinguish between a muscle strain and other muscle injuries <hr/> <ul style="list-style-type: none"> ● Explain the physical, emotional, and social needs of babies, toddlers, teenagers, and adults ● Predict healthcare needs throughout the life span ● Debate the value of Erikson's Stages of Psychosocial Development in modern times ● Apply Maslow's Hierarchy of Needs to understand what motivates human behavior
10/21-10/25	UNIT 1-4 Review	Review and Quiz unit 1-4 in all subjects
10/21-10/25	<p>A&P Unit 5A</p> <p>The Nervous System</p>	<p>10/24/24 PTC</p> <p>10/25/24 NO STUDENTS</p> <ul style="list-style-type: none"> ● Outline the organization and functions of the central and peripheral nervous systems ● Locate and identify the major regions of the brain and describe their functions ● Analyze the basic structure and functions of the cranial nerves, spinal cord, and special sense organs

	<hr/> <p>HSF Unit 5A Health and Wellness</p>	<ul style="list-style-type: none"> ● Discuss common diseases and disorders of the neurological system <hr/> <ul style="list-style-type: none"> ● Integrate healthy eating and regular exercise into daily habits ● Assess and avoid the risks associated with using substances like alcohol, tobacco, and drugs ● Reflect on the emotional reactions to illness and the stages of grief ● Apply wellness principles to improve health and plan for wellness ● Link the effects of chronic stress to physical health and strategize interventions for stress management <p>10/20 - PD Day (No Students)</p>
<p>10/28-11/1</p>	<p>A&P Unit 5B The Nervous System</p> <hr/> <p>HSF Unit 5B Health and Wellness</p>	<ul style="list-style-type: none"> ● Outline the organization and functions of the central and peripheral nervous systems ● Locate and identify the major regions of the brain and describe their functions ● Analyze the basic structure and functions of the cranial nerves, spinal cord, and special sense organs ● Discuss common diseases and disorders of the neurological system <hr/> <ul style="list-style-type: none"> ● Integrate healthy eating and regular exercise into daily habits ● Assess and avoid the risks associated with using substances like alcohol, tobacco, and drugs

		<ul style="list-style-type: none"> ● Reflect on the emotional reactions to illness and the stages of grief ● Apply wellness principles to improve health and plan for wellness ● Link the effects of chronic stress to physical health and strategize interventions for stress management
11/4-11/8	<p>A&P Unit 6A The Integumentary System</p> <hr/> <p>HSF Unit 6A Effective Communication in Healthcare</p>	<ul style="list-style-type: none"> ● Analyze the structure and function of the integumentary systems ● Discuss potential alterations in skin integrity ● Demonstrate the knowledge and skill related to performing effective hand hygiene ● Identify and analyze common diseases and disorders of the integumentary system <hr/> <ul style="list-style-type: none"> ● Deconstruct communication using the sender-receiver model ● Experiment with active listening and using open-ended questions in personal and school life ● Articulate barriers to communication in healthcare settings, including cultural factors ● Adapt your body language to build trust in a professional setting ● Categorize objective and subjective data and report events in the order of occurrence
11/11-11/15	<p>A&P Unit 6B The Integumentary System</p>	<ul style="list-style-type: none"> ● Analyze the structure and function of the integumentary systems ● Discuss potential alterations in skin integrity ● Demonstrate the knowledge and skill related to performing effective hand hygiene

	<hr/> <p>HSF Unit 6B Effective Communication in Healthcare</p>	<ul style="list-style-type: none"> Identify and analyze common diseases and disorders of the integumentary system <hr/> <ul style="list-style-type: none"> Deconstruct communication using the sender-receiver model Experiment with active listening and using open-ended questions in personal and school life Articulate barriers to communication in healthcare settings, including cultural factors Adapt your body language to build trust in a professional setting Categorize objective and subjective data and report events in the order of occurrence
11/18-11/22	<p>Unit 5-6 Review and testing Revisit units 1-4</p>	<p>Review and quiz unit 1-6</p>
		<p>Thanksgiving Break</p>
12/2-12/6	<p>A&P Unit 7A Essential Knowledge About Blood</p> <hr/>	<ul style="list-style-type: none"> Distinguish between the various types of blood vessels Demonstrate knowledge of the composition of blood Identify the different ABO compatibilities Describe various disorders and diseases of the blood and its component <hr/> <ul style="list-style-type: none"> Advocate for your rights as a patient

	<p>HSF Unit 7 Health and The Law</p>	<ul style="list-style-type: none"> • Explain the components of HIPAA to keep patient information safe • Debate the legality of actions a healthcare worker might take • Role play situations with legal and ethical implications for health workers • List workplace rights and responsibilities that apply to healthcare employees
12/9-12/13	<p>A&P Unit 7B Essential Knowledge About Blood</p> <hr/> <p>HSF Unit 8 Ethical Responsibilities</p>	<ul style="list-style-type: none"> • Distinguish between the various types of blood vessels • Demonstrate knowledge of the composition of blood • Identify the different ABO compatibilities • Describe various disorders and diseases of the blood and its component <hr/> <ul style="list-style-type: none"> • Apply ethical principles to healthcare decisions • Compare and contrast scope of practice and codes of ethics • Debate the ethics of technological advances in healthcare • Reflect on how empathy is related to ethical principles in healthcare
12/16-12/20	<p>A&P Semester testing</p> <hr/> <p>HSF Semester Testing</p>	<p>A&P semester test</p> <hr/> <p>HSF Unit 1-8 Semester Testing</p>

1/6-1/10	<p>A&P 1b Unit 1</p> <p>HSF Unit 1: Health, Safety, Security</p>	<p>1/2/24 - PD Day (No Students)</p> <p>A&P 1b:</p> <p>Unit 1: The Lymphatic and Immune System</p> <ul style="list-style-type: none">· The structure and function of the immune system· The different types of immunity· The relationship between the lymphatic and circulatory systems· Common diseases and disorders of the lymphatic and immune system (etiology, prevention, pathology, diagnosis, treatment, and rehabilitation) <p>HSF:</p> <ol style="list-style-type: none">1. Identify and manage safety hazards in a healthcare setting2. Implement proper body mechanics while moving patients3. Explain how different government agencies contribute to safety in health care4. Prepare for and respond to emergencies5. Analyze a problem using root cause analysis
1/13-1/17	A&P 1b Unit 1: Continued from previous week	<ol style="list-style-type: none">6. Identify and manage safety hazards in a healthcare setting7. Implement proper body mechanics while moving patients

	HSF Unit 1: Health, Safety, Security	8. Explain how different government agencies contribute to safety in health care 9. Prepare for and respond to emergencies 10. Analyze a problem using root cause analysis
1/20-1/24	A&P 1b Unit 2 HSF Unit 2: Infection Control	1/20 - MLK Day (No School) Unit 2: The Respiratory System <ul style="list-style-type: none"> · The structure and function of the respiratory system · Ventilation and respiration Summarize the chain of infection Compare levels of cleaning in a healthcare setting Recommend when and how to cleanse hands in a healthcare setting Differentiate between standard precautions and transmission-based precautions Link infection control practices to the fight against drug-resistant infections
1/27-1/31	A&P 1b Unit 2	<ul style="list-style-type: none"> · Gas exchange · Common diseases and disorders of the respiratory system (etiology, prevention, pathology, diagnosis, treatment, and rehabilitation)

	<p>A&P 1b Unit 4</p> <p>HSF: Unit 4: Signs of Life: Vital Signs and CPR</p>	<ul style="list-style-type: none"> · The female and male urinary systems · How urine is formed and excreted from the body · Diseases and disorders of the urinary system <p>Measure and assess body temperature readings, integrating knowledge about thermoregulation Trace the changes in breathing and pulse rates throughout the lifespan Appraise the relationship between the oxygen saturation of the blood and other vital signs Summarize the difference between systolic and diastolic blood pressure readings Describe the effects that CPR can have on a patient in cardiac arrest</p>
<p>3/3-3/7</p>	<p>A&P 1b Unit 1-4 Review</p> <p>HSF Unit 1-4 Review</p>	<p>Mid Term Review and Exam</p>
<p>3/10-3/14</p>	<p>A&P 1b Unit 5</p> <p>HSF Unit 5: Data, Measurement, and Math</p>	<p>Unit 5: The Reproductive System and Genetics</p> <ul style="list-style-type: none"> · The organization of the male and female reproductive systems · The structure and function of the reproductive system <p>Distinguish between ratios and percentages Name the units of measurement in imperial and metric systems Convert between imperial and metric measurements Calculate body mass index Interpret charts, diagrams, graphs, and tables to use numeric information</p>

<p>3/17-3/21</p>	<p>A&P Unit 5 :</p> <p>HSF: Unit 5: Data, Measurement, and Math</p> <p>3/24/25-3/28/25</p>	<p>3/21/25 NO STUDENTS</p> <ul style="list-style-type: none"> · Genes and chromosomes from conception to birth · Common diseases and disorders of the reproductive system <p>Distinguish between ratios and percentages Name the units of measurement in imperial and metric systems Convert between imperial and metric measurements Calculate body mass index Interpret charts, diagrams, graphs, and tables to use numeric information</p> <p>SPRING BREAK NO SCHOOL</p>
<p>3/31-4/4</p>	<p>A&P 1b Unit 6</p> <p>HSF: Unit 6: Technology in Healthcare</p>	<p>Unit 6: The Endocrine System</p> <ul style="list-style-type: none"> · The organization of the endocrine system · The structure and function of organs of the endocrine system · How the endocrine system maintains homeostasis · Diseases and disorders of the endocrine system <p>Describe the different types of technology used to diagnose, treat, and track patient health Troubleshoot simple computer problems Summarize the different parts of an electronic health record (EHR) Evaluate the reliability of health resources on the web Explain steps to keep protected health information (PHI) safe as an allied health professional</p>

4/7-4/11	A&P 1b Unit 6	Unit 6: The Endocrine System <ul style="list-style-type: none"> · The organization of the endocrine system · The structure and function of organs of the endocrine system · How the endocrine system maintains homeostasis · Diseases and disorders of the endocrine system <p>Describe the different types of technology used to diagnose, treat, and track patient health Troubleshoot simple computer problems Summarize the different parts of an electronic health record (EHR) Evaluate the reliability of health resources on the web Explain steps to keep protected health information (PHI) safe as an allied health professional</p>
4/14-4/18		4/14-4/16 SKILLSUSA Comp. 4/18/25 NO SCHOOL GOOD FRIDAY
4/21-4/25	A&P 1b Unit 7	Unit 7: Assessing and Documenting Anatomy and Physiology

	HSF Unit 7: Teamwork and Leadership	<ul style="list-style-type: none"> · Purposes of a healthcare record · Legal guidelines for documentation · Confidentiality and the laws that govern patient privacy · The different methods of data collection · Health history · Basic body systems physical assessment <p>Analyze the roles of different healthcare team members List and explain characteristics of good teams Lead or participate effectively in meetings Recognize resistance to change in patients and colleagues Apply conflict resolution techniques to disagreements</p>
4/28-5/2	A&P 1b Unit 7 HSF Unit 7: Teamwork and Leadership	<ul style="list-style-type: none"> · The different methods of data collection · Health history · Basic body systems physical assessment <p>Analyze the roles of different healthcare team members List and explain characteristics of good teams Lead or participate effectively in meetings Recognize resistance to change in patients and colleagues Apply conflict resolution techniques to disagreements</p>
5/5-5/9	A&P 1b Unit 8	<p>Unit 8: The Science and Technology of Anatomy and Physiology</p> <ul style="list-style-type: none"> · The history of anatomy and physiology as a science · The scopes of practice of various healthcare professions · Qualitative and quantitative research · Different types of research studies that can advance the science of anatomy and physiology · The ways healthcare professionals work collaboratively

	<p>HSF Unit 8: Employability in Healthcare</p> <p>EMR</p>	<p>Present a professional image through behavior, appearance, and demeanor Demonstrate work-ready characteristics and habits such as punctuality, dependability, discretion, and flexibility Analyze your career goals and assess their feasibility Evaluate and interpret employment opportunities in healthcare Create elements of a career portfolio</p>
5/12-5/16	<p>A&P 1b Unit 8</p> <p>HSF Unit 8: Employability in Healthcare</p>	<ul style="list-style-type: none"> · Different types of research studies that can advance the science of anatomy and physiology · The ways healthcare professionals work collaboratively <p>Present a professional image through behavior, appearance, and demeanor Demonstrate work-ready characteristics and habits such as punctuality, dependability, discretion, and flexibility Analyze your career goals and assess their feasibility Evaluate and interpret employment opportunities in healthcare Create elements of a career portfolio</p>
5/19-5/23	Final Exam Review	Final Exam Review and Exam
5/27-5/30		<p>5/26 - Memorial Day (No Students)</p> <p>Lab clean up and packing</p>

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