

Education and Workforce Development Cabinet

CURRICULUM MAP

Course Name:	Allied Health Core Skills	Program:	Health Science
High School Credit(s)	1.0	School Year:	2020/2021
Course Number:	170501	Recommended Textbooks:	Diversified Health Occupations by Louise Simmers, et al or Health Science Fundamentals by Badasch & Chesebro



Equal Education and Employment Opportunities M/F/D

Topic	Objectives (Content/Process)	Possible Course Activities	HOSA Connection
Allied Health Careers <ul style="list-style-type: none"> ❖ Audiology ❖ Dental hygiene ❖ Diagnostic medical sonography ❖ Dietetics ❖ Emergency medical sciences ❖ Health administration ❖ Health information management ❖ Medical technology ❖ Nuclear medicine technology ❖ Occupational therapy ❖ Physical therapy ❖ Physician assistant ❖ Radiation therapy technology ❖ Radiography ❖ Rehabilitation counseling ❖ Respiratory therapy ❖ Speech-language pathology ❖ Surgical Technician ❖ Others 	<ul style="list-style-type: none"> ● Demonstrate performance skills as outlined on approved internship competency list 	Health Career display utilizing the Allied Health careers mentioned in the topics	HOSA Competitive Events: Health Professions Events
Interactions in Healthcare	<ul style="list-style-type: none"> ● Develop and practice effective oral and written communication skills ● Define barriers to communications ● Use information technology applications as appropriate to health care specialties 		HOSA Competitive Events: Public Health <ul style="list-style-type: none"> ● Extemporaneous Writing ● Prepared Speaking ● Researched Persuasive Speaking ● Speaking Skills ● Health Education ● <u> </u>Public Service Announcement

Cultural Competence	<ul style="list-style-type: none"> • Compare and contrast multicultural and multilingual needs • Discuss the impact of religions and culture on those giving and receiving health care with an understanding of past and present events • Use accepted ethical practices with respect to cultural, social and ethnic differences 		HOSA Competitive Events: <ul style="list-style-type: none"> • Knowledge Test - Transcultural Healthcare
Ethical Obligations	<ul style="list-style-type: none"> • Use accepted ethical practices with respect to cultural, social and ethnic differences. • Demonstrate professional etiquette and responsibility 	Biomedical Debate	HOSA Competitive Events: <ul style="list-style-type: none"> • Biomedical Debate • Knowledge Test: Medical Law and Ethics • Researched Persuasive Speaking Suggested Guest Speakers: <ul style="list-style-type: none"> • Medical Malpractice Attorney • Medical Malpractice Paralegal • Healthcare administrator
Legal Obligations	<ul style="list-style-type: none"> • Demonstrate knowledge of applicable laws, statutes or regulations in the career major area • Interpret and maintain client's rights in accordance to the Patient's Bill of Rights • Analyze legal and ethical aspects of confidentiality including HIPPA guidelines 		
Infection Control	<ul style="list-style-type: none"> • Identify methods to prevent the spread of communicable diseases necessary for a safe 	Teach handwashing	HOSA Competitive Events: <ul style="list-style-type: none"> • Pathophysiology

	<p>work environment for the health care provider</p> <ul style="list-style-type: none"> ● Discuss human defenses against infectious diseases ● Wash hands aseptically ● Define terms related to microbiology. ● Define causative organisms. ● Define the difference in bacteria and viruses. ● Identify the principles of microbial growth, control and death and actions of microbial control agents ● Discuss principles of disease, disease transmission and control, and epidemiology including commonly encountered pathological microorganisms ● Identify methods to prevent the spread of communicable diseases (OSHA requirements) necessary for a safe work environment for the health care provider ● Discuss human defenses against infectious diseases ● Demonstrate the understanding of Gram+ and Gram- bacteria and staining technique. 		<ul style="list-style-type: none"> ● Biomedical Laboratory Science ● Epidemiology ● Health Poster ● Extemporaneous Writing ● Community Awareness ● Creative Problem Solving ● Health Career Display ● Medical Innovation ● Healthcare Issues Exam <p>Suggested Guest Speakers:</p> <ul style="list-style-type: none"> ● Local Microbiologists ● County Farm Extension Agents ● Health Department Nurses/Inspectors ● Beauty School Instructors ● Local Water Department Personnel ● Pest Control Offices ● Infection Control Nurses ● Lab Technician Instructors ● Hospital Lab Supervisors
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	<ul style="list-style-type: none"> • Demonstrate proper culture techniques 		
Sterile Technique	<ul style="list-style-type: none"> • Prepare supplies, equipment and client for procedures according to facility protocol • Prevent injury or illness through safe work practices and following health and safety policies and procedures 	Have students practice putting on sterile gloves	HOSA Competitive Events: Clinical specialty
Interdisciplinary Teams	<ul style="list-style-type: none"> • Understand the roles and responsibilities of individual members of the health care team effective use of time management skills. 		HOSA Competitive Events: <ul style="list-style-type: none"> • HOSA Bowl Suggested guest speakers: <ul style="list-style-type: none"> • Health care professionals related to students' career interests

<p>Career Effectiveness</p> <ul style="list-style-type: none"> ❖ Professionalism ❖ Job Application ❖ Resume ❖ Interview ❖ Financial literacy 	<ul style="list-style-type: none"> ● Describe the competence or skill expected of a professional. ● Classify the personal traits and attitudes desirable in a member of the health care team. ● Summarize professional standards as they apply to hygiene, dress, language, confidentiality and behavior. ● Apply employability skills in health care. ● Discuss levels of education, credentialing requirements, and employment trends in health care. ● Identify sources for employment and employer contacts. ● Develop an employment portfolio including a cover letter, resume, reference page, sample application and sample thank you letter. 		<p>HOSA Competitive Events:</p> <ul style="list-style-type: none"> ● Clinical Specialty ● Interviewing Skills ● Job Seeking Skills ● Medical Photography
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	<ul style="list-style-type: none"> ● Prepare and practice for job interview. ● Successfully complete mock interview. ● Review and complete pre-employment tests ● Identify policies and procedures for: drug free workplace, worker's compensation, ● Family Medical Leave Act, Grievance policy, ● Unemployment Compensation, Business ● Ethics/Chain of command. ● Demonstrate understanding of interpretation of a paycheck stub. ● Demonstrate understanding of a simple household budget. ● Demonstrate competency when calculating simple interest on a loan. ● Demonstrate competency in balancing a checkbook. ● Demonstrate understanding of bank loans, debit cards, credit cards, overdrafts and credit scores. ● Demonstrate preparation of a practice simple income tax return (1040EZ) and State simple tax return (740EZ). 		
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<p>Performance Skills</p> <ul style="list-style-type: none">❖ Patient transfer❖ Vital Signs❖ Handwashing❖ Range of Motion❖ Ambulation❖ Obstructed Airway❖ Height/Weight❖ Military Time❖ Sterile glove❖ Application❖ Other Career❖ Specific Skills			
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