

*Education and Workforce Development Cabinet*

**CURRICULUM MAP**

<b>Course Name:</b>	<b>Principles of Health Science</b>	<b>Program:</b>	<b>Health Science</b>
<b>High School Credit(s):</b>	<b>1.0</b>	<b>School Year:</b>	<b>2020/2021</b>
<b>Course Number:</b>	<b>170111</b>	<b>Recommended Textbook:</b>	<b>Diversified Health Occupations Simmers, Louise</b>



Equal Education and Employment Opportunities M/F/D

Topic	Objectives (Content/Process)	Possible Course Activities	HOSA Connection
<b>Leadership</b>	<ul style="list-style-type: none"> <li>● Incorporate HOSA using competitive event guidelines, leadership and team skills in all content areas</li> <li>● Describe the role of professional organizations in a career area major</li> <li>● Describe and apply the problem solving processes independently and in groups</li> <li>● Describe the importance of teamwork and apply teamwork skills</li> </ul>	Have students develop a health career display	Prepared Speaking Researched persuasive writing and speaking
<b>Study Skills</b>	<ul style="list-style-type: none"> <li>● Use strategies for taking tests, use reference libraries, write an organized paper(s). Include a technical writing assignment.</li> <li>● Demonstrate skills and work habits that lead to success in future schooling and work</li> </ul>	Have students outline chapters Have students do flash cards of all terms Technical writing assignment	Barbara James Service Award Healthcare Issues Exam
<b>History</b>	<ul style="list-style-type: none"> <li>● Analyze and interpret medical milestones, conditions, trends and issues to develop historical perspectives about the health care industry</li> </ul>	Have students do a timeline of medical milestones	
<b>Health Care Systems</b>	<ul style="list-style-type: none"> <li>● Explore the organizational structure of various health care facilities</li> <li>● Identify how key systems affect services performed and the quality of healthcare</li> </ul>	Possible Guest Speakers: Health Department Physician Office Rehab Facility Long Term Care Facility	

	<ul style="list-style-type: none"> <li>Evaluate services products, and resources available in the community and state in order to make effective consumer decisions</li> </ul>		
<b>Careers</b>	<ul style="list-style-type: none"> <li>Use strategies for choosing and preparing for a career in the health care industry</li> <li>Define licensure, certification and registration</li> <li>Explore a potential health science career path in at least one of the following health care services: Diagnostic, Therapeutic, Informational and Environmental</li> <li>Demonstrate a basic skill used in a career major area</li> </ul>	Health Career Display project	Health Career Display Health Care Photography
<b>Medical Math</b>	<ul style="list-style-type: none"> <li>Demonstrate basic mathematical skills in health careers</li> <li>Demonstrate an understanding and application of Roman Numerals.</li> <li>Convert Greenwich (standard) time to military time (24 hour clock)</li> <li>Convert Household Measures and Apothecary to Metric Equivalents</li> <li>Demonstrate skills and work habits that lead to success in future schooling and work</li> </ul>	Math worksheets Drug calculations and practice using medicine cups and syringes (without needles) Practice military time	Medical Math Pharmacology

<b>Legal and Ethical Concerns</b>	<ul style="list-style-type: none"> <li>Recognize legal responsibilities, limitations and the implications of actions within the healthcare industry and manage professional behavior accordingly (specifically related to HIPAA regulations)</li> <li>Describe ethical practices with respect to cultural, social and ethnic differences</li> </ul>	<p>Discuss and define legal terms Have students research and present examples of each term.</p>	<p>Medical Law and Ethics</p>
<b>Communication Skills</b>	<ul style="list-style-type: none"> <li>Apply methods of giving and obtaining information to communicate effectively, both orally and in writing</li> </ul>	<p>Role play effective communication</p>	
<b>Human Needs</b>	<ul style="list-style-type: none"> <li>Explore and analyze Maslow's Hierarchy of Needs</li> </ul>	<p>Discuss needs vs wants Have students list needs. Then in groups see where needs fall on the Hierarchy.</p>	
<b>Cultural Diversity</b>	<ul style="list-style-type: none"> <li>Analyze ethical practices with respect to cultural, social and ethnic differences within a culture</li> </ul>	<p>Have students do presentation on birth and death practices in a specific culture.</p>	
<b>Workplace Principles</b> <ul style="list-style-type: none"> <li>Personal Qualities</li> <li>Professional Qualities</li> </ul> <b>Career Portfolio</b> <ul style="list-style-type: none"> <li>Cover Letter &amp; Resume</li> <li>Job Application</li> <li>Thank You Letter</li> <li>Interview Skills</li> </ul>	<ul style="list-style-type: none"> <li>Recognize an acceptable code of conduct for a healthcare worker</li> <li>Use information technology applications as appropriate to healthcare specialties</li> <li>Use strategies for choosing and preparing for a career in the health care industry</li> <li>Demonstrate skills and work habits that lead to success in future schooling and work</li> <li>Develop an employment portfolio, including: reference page, sample</li> </ul>	<p>Discuss professionalism Have students make a list of professional non non-professional behaviors</p> <p>Have students develop resume Guest speakers to do interviews with students</p>	<p>Interviewing Skills Job seeking skills</p>

<p><b>Employee Rights</b></p>	<p>application, and sample Thank You letter</p> <ul style="list-style-type: none"> <li>● Complete applications forms</li> <li>● Prepare and practice for job interview</li> <li>● Practice job follow-up strategies</li> <li>● Identify policies and procedures for: drug free workplace, Workman's compensation ,Family Medical Leave Act, Grievance policy, Unemployment Compensation, Business Ethics/Chain of command</li> </ul>		
<p><b>SAFETY</b></p>	<ul style="list-style-type: none"> <li>● Follow health and safety policies and procedures to prevent injury or illness through safe practices</li> </ul>	<p>Have students to a safety scavenger hunt in the lab Have students take a safety quiz</p>	