

## ***Education and Workforce Development Cabinet***

### **CURRICULUM MAP**

<b>Course Name:</b>	<b>Emergency Procedures</b>	<b>Program:</b>	<b>Health Sciences</b>
<b>High School Credit(s)</b>	<b>0.5 Credit</b>	<b>School Year:</b>	<b>2020-2021</b>
<b>Course Number</b>	<b>170141</b>	<b>Recommended Textbooks:</b>	<ul style="list-style-type: none"><li>• <b>American Heart Association (AHA) : BLS Provider Manual</b></li><li>• <b>Heartsaver First Aid Student Manual</b></li></ul>



Equal Education and Employment Opportunities M/F/D

Topic	Objectives	Possible Course Activities	HOSA Connection
<b>General Precautions</b> <ul style="list-style-type: none"> <li>❖ Safety Review</li> <li>❖ Bloodborne Pathogens</li> </ul>	<ul style="list-style-type: none"> <li>● Demonstrate use of standard precautions</li> <li>● Demonstrate proper fire safety</li> </ul> <p>Suggestion: (If available use Heartsaver Bloodborne Pathogens AHA course)</p>	Identify Clean, Dirty and Sterile equipment  Teach donning and doffing of PPE	HOSA Competitive Events: <ul style="list-style-type: none"> <li>● Public Service Announcement</li> <li>● Public Health</li> </ul>
<b>Legal/Ethical Considerations &amp; Employability Skills</b>	<ul style="list-style-type: none"> <li>● Investigate legal and ethical issues related to emergency procedures</li> <li>● Demonstrate employability and social skills relevant to careers</li> <li>● Research and debate issues related to organ donations</li> </ul>	Guest speaker EMS  Have students research job openings in emergency care and present findings  Guest speaker organ donation center Guest speaker organ donor recipient	HOSA Competitive Event: <ul style="list-style-type: none"> <li>● Biomedical Debate</li> </ul>
<b>Organizing &amp; Communicating in Emergency Situations</b>	<ul style="list-style-type: none"> <li>● Apply mathematics, science and communication skills within the emergency procedure course/health care setting</li> </ul>	Role-play calling 911 in emergency.  Guest speaker MRC personnel  Guest speaker Emergency Medical Services coordinator  Guest speaker 911 personnel	HOSA Competitive Events: <ul style="list-style-type: none"> <li>● MRC Partnership (Medical Reserve Corps)</li> <li>● CERT Skills</li> </ul>

	<ul style="list-style-type: none"> <li>● Use technology to collect, organize and communicate information and ideas</li>   <li>● Evaluate services and resources available in the community</li>   <li>● Compare and contrast emergency procedures used in the media to reality</li> </ul>	<p>Play a portion of a popular medical show and discuss emergency procedures used</p>	
<p><b>Mock Disaster</b></p>	<ul style="list-style-type: none"> <li>● Participate in a medical disaster dramatization (optional)</li> <li>● Incorporate HOSA guidelines for CERT competitive events if time permits (optional)</li> </ul>	<p>Participate in mock disaster</p>	
<p><b>CPR Training</b></p> <ul style="list-style-type: none"> <li>❖ Adult and Pediatric CPR</li> <li>❖ Automated External Defibrillation</li> </ul>	<ul style="list-style-type: none"> <li>● Demonstrate tasks according to the CPR for Health Care Professionals standardize course (American Heart Association or American Red Cross)</li> <li>● Pass AHA/ARC written exam with 84% accuracy</li> </ul>	<p>Obtain CPR Certification</p>	<p>HOSA Competitive Event:</p> <ul style="list-style-type: none"> <li>● CPR/First Aid</li> </ul>
<p><b>CPR Certification</b></p> <ul style="list-style-type: none"> <li>❖ Two –rescuer CPR</li> </ul>	<ul style="list-style-type: none"> <li>● Demonstrate tasks as required by the CPR for Health Care Professionals</li> </ul>		

<ul style="list-style-type: none"> <li>❖ Use of the bag-valve mask</li> </ul>	<p>standardized course (American Heart Association or American Red Cross)</p>		
<p><b>CPR Certification</b></p> <ul style="list-style-type: none"> <li>❖ Foreign-body Airway Obstruction</li> </ul>	<ul style="list-style-type: none"> <li>● Demonstrate tasks as required by the CPR for Health Care Professionals standardized course (American Heart Association or American Red Cross)</li> </ul>	<p>Obtain First Aid Certification</p>	
<p><b>First Aid Certification</b></p> <ul style="list-style-type: none"> <li>❖ First Aid Basics</li> <li>❖ Medical Emergencies</li> <li>❖ Injury Emergencies</li> <li>❖ Environmental Emergencies</li> </ul>	<ul style="list-style-type: none"> <li>● Demonstrate first aid techniques for certification including tasks required by the standardized course of the American Heart, National Safety Council or American Red Cross</li> </ul>		
<p><b>Optional Activities as Time Permits</b></p>	<ul style="list-style-type: none"> <li>● Participate in a medical disaster dramatization (optional)</li> <li>● Incorporate HOSA guidelines for CERT competitive events if time permits (optional)</li> </ul>		<p>HOSA Competitive Events:</p> <ul style="list-style-type: none"> <li>● EMT</li> <li>● CERT Skills</li> </ul>