



2023-2024

## Liberty Middle School

281 Dock Murphy Drive, Madison, Alabama 35758

Mrs. Morgan Dew, CPNP-PC, RN, MSN

### Introduction to Careers in Healthcare

<b>Teacher Contact Information</b>	<b>Email:</b> medew@madisoncity.k12.al.us <b>Classroom Phone:</b> 256-430-0001 ext. 83237
<b>Course Digital Platforms</b>	<b>Webpage Link:</b> <a href="https://www.madisoncity.k12.al.us/Domain/1079">https://www.madisoncity.k12.al.us/Domain/1079</a> <b>Schoology:</b> <a href="https://madisoncity.schoology.com/home">https://madisoncity.schoology.com/home</a> <b>Parent Communication:</b> <i>Power Schools will be used for parent contact. Please make sure all contact information is up to date in powerschool.</i>
<b>Textbook Information</b>	Classroom copies of <i>Introduction to Health Care &amp; Careers</i> Enhanced Edition ISBN: 978-1-284-32229-3
<b>Course Description</b>	Introduction to Careers in Healthcare is a course designed for middle school students to provide a broad overview of health science career clusters. Students will be introduced to the terminology, careers, history, basic skills, and technologies associated with each pathway in the Health Science career cluster. Instruction and learning activities will be provided throughout the 9 weeks in a classroom laboratory setting using hands-on experiences with the equipment, materials and technology appropriate to the course content and in accordance with current practices.
<b>Course Prerequisites</b>	None
<b>Course Objectives</b>	<ul style="list-style-type: none"> <li>• Demonstrate understanding of Therapeutic Services career pathway.</li> <li>• Demonstrate understanding of Diagnostic Services career pathway.</li> <li>• Demonstrate understanding of Health Informatics career pathway.</li> <li>• Demonstrate understanding of Support Services career pathway.</li> <li>• Demonstrate understanding of Biotechnology Research and Development career pathway.</li> <li>• Apply Leadership and Communication Skills.</li> <li>• Describe how information technology is used in the Health Science career cluster.</li> <li>• Demonstrate an understanding of career opportunities within the healthcare pipeline.</li> </ul>
<b>Course Goals</b>	<b>Students Will:</b> <ol style="list-style-type: none"> <li>1. Be able to describe different health science careers pathways.</li> <li>2. Identify skills required to successfully enter careers in different health science career pathways,</li> <li>3. Learn and use standard safety practices.</li> <li>4. Demonstrate effective leadership and communication skills.</li> <li>5. Be able to describe and perform proper techniques of vital signs.</li> <li>6. Be able to identify APA style research skills.</li> <li>7. Be able to define and use proper terminology associated with the different health science career pathways.</li> </ol>
<b>Instructional Delivery Plan, Course Outline &amp; Culminating Project</b>	<b>Instructional Delivery Plan:</b> Multiple delivery methods will be used during our instructional time these include but are not limited to: lecturing, modeling, interactive lectures, demonstrations, recap sessions, group discussions, and teacher led simulations.  <b>Course Outline:</b> <b>Week One- Welcome to Class January 4-5, 2023</b>

**Instructional  
Delivery Plan,  
Course Outline  
&  
Culminating Project**

**Introduction to the course and classmates**

- Introductions to teacher and classmates
- Team Building Activities
- Syllabus Introduction

**Unit 1: The World of Healthcare**

- Today's Healthcare System

**Lab Safety Review & Exam: Must have a 100% pass rate**

- Lab Safety Exam January 5, 2023

**Week Two- January 8- 12th:**

**Unit 1: The World of Healthcare**

- Health Care Economics
- Laws, Ethics, & Professionalism in Health Care
  - Identify ethical, legal, and security issues faced by healthcare professionals.

**Week Three- Nine: January 15- Mar 2, 2024**

**Units will be integrated into each other with overlapping concepts and terms.**

**Health Occupations Student of America (HOSA) Introduction**

**Unit 2: Professional Skills**

- Personal Qualities & Professional Skills for Success
- Health Care Communication
- Diversity and Difference in Healthcare
- Critical Thinking & Problem Solving
- TeamWork & Leadership

**Unit 3: Workplace Skills**

- Computers and technology
  - Identify information technology careers in the Health Science career cluster, including the responsibilities, tasks, and skills they require.
  - Relate information technology project management concepts and terms to healthcare careers.
  - Demonstrate ways to communicate effectively using Internet technology.
  - Use various types of internet search engines effectively to locate information relevant to the Health Science career cluster.
- Medical Terminology
- Medical Documentation
- Medical Math
- Safety & Infection Control
- Body Mechanics
- Measuring Height, Weight, & Vital Signs
  - Students will learn to properly perform vital signs
  - Will be able to describe the importance of vital signs
- First Aid & Emergency Procedures

**Unit 4 Career Profiles**

**Therapeutic Services Career Pathways**

- Define and use proper terminology associated with the Therapeutic Services career pathways
- Describe some of the careers available
- Identify Common characteristics of the careers in these pathways.
- Research the history of the Therapeutic services career pathway and describe how the associated careers have evolved and impacted society.
- Identify skills required to successfully enter careers in these pathways.
- Describe technologies associated in careers within these pathways.

**Diagnostic Services Career Pathways**

- Define and use proper terminology associated with the Diagnostic Services career pathways

- Describe some of the careers available
- Identify Common characteristics of the careers in these pathways.
- Research the history of the Diagnostic services career pathway and describe how the associated careers have evolved and impacted society.
- Identify skills required to successfully enter careers in these pathways.
- Describe technologies associated in careers within these pathways.

### **Health Informatics Career Pathways**

- Define and use proper terminology associated with the Health informatics career pathways
- Describe some of the careers available
- Identify Common characteristics of the careers in these pathways.
- Research the history of the Diagnostic services career pathway and describe how the associated careers have evolved and impacted society.
- Identify skills required to successfully enter careers in these pathways.
- Describe technologies associated in careers within these pathways.

### **Support Services Career Pathways**

- Define and use proper terminology associated with the Diagnostic Services career pathways
- Describe some of the careers available
- Identify Common characteristics of the careers in these pathways.
- Research the history of the Diagnostic services career pathway and describe how the associated careers have evolved and impacted society.
- Identify skills required to successfully enter careers in these pathways.
- Describe technologies associated in careers within these pathways.

### **Biotechnology Research and Development Career Pathways**

- Define and use proper terminology associated with the Diagnostic Services career pathways
- Describe some of the careers available
- Identify Common characteristics of the careers in these pathways.
- Research the history of the Diagnostic services career pathway and describe how the associated careers have evolved and impacted society.
- Identify skills required to successfully enter careers in these pathways.
- Describe technologies associated in careers within these pathways.

### **TBD Weekly Career Guest Speakers**

### **TBD Community Service Project: EX: Valentine Cards for Inpatients**

### **Review of Careers in Healthcare**

- **Students should have learned over this course and be able to demonstrate an understanding of career opportunities within the healthcare pipeline.**
- **Students will be able to:**
- Describe the relationship between self-awareness and satisfying career choices.
- Demonstrate an understanding of tasks related to healthcare careers.
- Describe the personal traits required for employment in healthcare.
- Identify types of education and training levels as related to health careers.
- Identify types of education and training levels as related to health careers.
- Identify at least three occupations out of each of Health Science Career Pathways.
- Research the advantages and disadvantages of one occupation in each pathway including the following factors: job opportunities, salary range, fringe benefits, working conditions, occupational hazards, and educational requirements.
- Recognize the differences between volunteer and governmental agencies in healthcare.
- Describe the importance of legal and ethical behaviors as related to health careers.

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**February 25, 26, 27th; March 1, 2, 3rd : Health Science Career Website Presentation.**

### **Culminating Project:**

**Health Science Career Website Presentation & Mock Interview**

	<p>Students will be assigned a Health Science Career of their choice from one of the discussed pathways this semester. The student will then research selected careers, identifying job opportunities, salary range, fringe benefits, working conditions, occupational hazards, and educational requirements, etc. with their assigned group partners. Student groups will then prepare a website on Google Sites. Students will then be expected to present their website, as a group, in front of their peers. Students will be expected to dress for presentation according to the attire that is associated with their career. More information with specific grading rubric to be given closer to time of start of project.</p> <p>*This course outline is subject to change at any time. I will keep students and parents informed of assignment changes if they arise.*</p>
<p><b>Credentialing</b></p>	<p>None</p>
<p><b>CTSO Integration</b> <i>(LMS Career Technical Student Organization is TSA)</i></p>	<p>Technology Student Association, TSA, is a <b>career technical student organization</b> and a fundamental part of this course. It is a national career and technical student organization of students engaged in science, technology, engineering, and mathematics (STEM). TSA is integrated into the program which includes competitions and leadership opportunities. TSA provides students with activities during their class time and after school with our local TSA Chapter. <i>TSA Based Activities relevant to Introduction to Careers in Healthcare include but are not limited to: Lab Safety Posters, Career Prep.</i></p> <p>HOSA (Health Occupations Students of America): “HOSA is a global student-led organization recognized by the U.S. Department of Education and the Department of Health and Human Services and several federal and state agencies. HOSA’s mission is to empower HOSA-Future Health Professionals to become leaders in the global health community, through education, collaboration, and experience. HOSA actively promotes career opportunities in the health industry and to enhance the delivery of quality health care to all people. HOSA’s goal is to encourage all health science instructors and students to affiliate and be actively involved in the HSE-HOSA Partnership.” (HOSA.org)</p>
<p><b>Embedded Numeracy</b> <b>Anchor Assignment</b> <i>(Health Science Career Website &amp; Presentation 20%)</i></p>	<ul style="list-style-type: none"> <li>- Make sense of problems and persevere in solving them. These students start by explaining to themselves the meaning of a problem and looking for entry points to its solution. They analyze givens, constraints, relationships, and goals. They make conjectures about the form and meaning of the solution and plan a solution pathway rather than simply jumping into a solution attempt. These students consider analogous problems and try special cases and simpler forms of the original problem in order to gain insight into its solution. They monitor and evaluate their progress and change course if necessary.</li> </ul>
<p><b>Embedded Literacy</b> <b>Anchor Assignment</b> <i>(Health Science Career Website &amp; Presentation 20%)</i></p>	<ul style="list-style-type: none"> <li>- Utilize active listening skills during discussion and conversation in pairs, small groups, or whole-class settings, following agreed-upon rules for participation.</li> <li>- Use digital and electronic tools appropriately, safely, and ethically when researching and writing, both individually and collaboratively.</li> <li>- Thorough expression to produce clear, coherent narrative, argument, and informative/explanatory writing in which the development, organization, style, and tone are relevant to task, purpose, and audience, using an appropriate command of language.</li> <li>- Write informative or explanatory texts with an organized structure and a formal style, incorporating a focused point of view, a clear purpose, credible evidence, and technical word meaning.</li> <li>- Use academic vocabulary in writing to communicate effectively.</li> </ul>
<p><b>Embedded Science</b> <b>Anchor Assignment</b> <i>(Health Science Career Website &amp; Presentation 20%)</i></p>	<p><a href="https://www.nextgenscience.org/">https://www.nextgenscience.org/</a></p> <ul style="list-style-type: none"> <li>• Gather, read, and synthesize information from multiple appropriate sources and assess the credibility, accuracy, and possible bias of each publication and methods used, and describe how they are supported or not supported by evidence. (MS-LS1-8)</li> <li>• Scientists and engineers are guided by habits of mind such as intellectual honesty, tolerance of ambiguity, skepticism, and openness to new ideas. (MS-LS1-3)</li> </ul>

	<ul style="list-style-type: none"> <li>Engineering advances have led to important discoveries in virtually every field of science, and scientific discoveries have led to the development of entire industries and engineered systems. (MS-LS1-1)</li> </ul>
<b>CTE Lab Safety Guidelines</b>	Each student in a CTE/PLTW course will be required to complete a lab safety exam and score a 100% correct before being allowed to use any tools on projects. We expect students to responsibly and safely use the CTE equipment. Examples of equipment used in CTE courses may include and are not limited to the following: scissors, hot glue guns, box cutters, power tools, hand tools, measuring tools, electronic equipment, computers, medical supplies, adhesives, robotics equipment, food items (consumable and non-consumable).
<b>Classroom Expectations</b>	<p>1. <b>Have a Vision</b>      2. <b>Lean into Struggles.</b>      3. <b>Be a Learner, Not a Finisher</b>  4. <b>Feed Your Passion</b>    5. <b>Own Your Education.</b>      6. <b>Be Respectful</b>    7. <b>Cheerful Collaboration</b></p> <p>1. Be seated and ready for class when the bell rings. <i>Detention for tardies will be assigned per LMS policy.</i>  2. Come prepared for class. Bring all necessary supplies.  3. Respect your teacher, your classmates, and yourself.  4. Listen and follow directions.  5. If it's not yours, don't touch it. Keep your hands and feet to yourself.  6. Follow all school rules.  7. The teacher dismisses the class, not the bell.  8. No food or drink around the computers and equipment  9. Do not visit gaming websites during class. Remain on our curriculum websites at all times.  10. Do not use your cell phone without permission, our class mimics the rules of the healthcare professional world.</p>
<b>Progressive Discipline</b> <i>(LMS Policy)</i>	<p><b>Step 1:</b> Verbal warning  <b>Step 2:</b> Student/teacher conference  <b>Step 3:</b> Parent contact/conference  <b>Step 4:</b> Detention and a parent contact  <b>Step 5:</b> Office referral</p>
<b>Grading Policy &amp; Scale</b> <i>(MCS Policy)</i>	<p><b>60%</b> = Assessments (Tests, Mini-Assessment, Projects, Portfolio)  <b>40%</b> = Daily Grades (Quizzes, Homework, Classwork, and Participation)  <b>Grade Scale:</b> 90-100 = A; 80-89 = B; 70-79 = C; 65-69 = D; &lt;64 = F</p>
<b>Late Work Policy</b>	Late work will be accepted with the following terms: 1 day late is -10%, 2 days late -20%, 3 days late -30%, 4 days late -40%, 5 days or more the maximum grade will be 50%.
<b>Make-up Work/Test Policy</b>	Students with excused absences will be allowed to make-up all work within three days of returning to school. It is the student's responsibility to ask for make-up work. Students can get with a classmate or ask the teacher for help. Work that is not made up will become a zero (including quizzes/tests). Many times, missed quizzes and tests can be made up during school.
<b>Technology Policy</b>	Student laptops should not be hard-wired to the network or have print capabilities. Use of discs, flash drives, jump drives, or other USB devices will not be allowed on Madison City computers. Neither the teacher, nor the school is responsible for broken, stolen, or lost laptops. Laptops and other electronic devices will be used at the individual discretion of the teacher.
<b>Accommodations</b>	Requests for accommodations for this course or any school event are welcomed from students and parents.
<b>Materials &amp; Supplies</b>	<p>Required: Spiral Notebook, Pencil, headphones with audio jack(not wireless), pens.</p> <p>Wish List: clorox wipes, colored copy paper, cardstock, sharpies, bandaids, paper towels, expo markers, tissue boxes</p>
<b>Homework</b>	All assignments and projects will be given ample amounts of time to be completed during class time. Time management will be reviewed, then requested by all students. If poor time management in class is displayed, students will be expected to finish assignments at home to be brought back to school the following day.

**Parent & Student  
Acknowledgment For**

*All Student assignments will be posted in Schoology; however, all grades will be posted in Powerschools. Thank you for your support and I encourage you to contact me with any questions or concerns . Students will return this signed copy and a digital version of this syllabus is available on schoology & my LMS website for reference. Please sign below that you have received and read the syllabus and will abide by all policies. Thank You! Morgan Dew, CPNP-PC*

*Due Date for signed syllabus: January 12th.*

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**STUDENT FULL NAME (Please Print)**

**BLOCK**

**DATE**

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**PARENT SIGNATURE**

**PARENT PHONE NUMBER(S)**

*Please include any concerns or notes to Mrs. Dew below:*