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| ***Course Description:*** | | Orientation to Health Science is a one credit course to assist students in making informed decisions regarding their college and career goals.  Students will be given the opportunity to apply knowledge and skills related to the Health Science Cluster.  The course also includes information concerning the practices for promoting health, wellness, and disease prevention.  Instruction and learning activities are provided 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.  Career and technical student organizations are integral, co-curricular components of each career and technical education course.  These organizations serve as a means to enhance classroom instruction while helping students develop leadership abilities, expand workplace-readiness skills, and broaden opportunities for personal and professional growth.  Students will also gain a multitude of knowledge related to medical terminology as well as abbreviations in order to better understand the medical fields.  **No Prerequisite required for this course** |  |
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| ***Course Objectives:*** | | Upon completion of this course the student will be able to:  1. Give an overview of health science and how it relates to their career goals.   2. The student will be able to utilize communication and leadership skills and identify characteristics of a health care professional.  3. The student will be able to identify strong work ethics and utilize soft and hard skills and discuss the importance of both.  4.  The student will be able to correctly spell and identify meanings of medical terms and common medical abbreviations. |  |
| ***Classroom Expectations:*** | | You are expected to conduct yourself in a respectful and productive manner. In addition to all the rules and expectations listed in the student handbook, I expect you to have a positive attitude, treat others with respect, practice self-discipline, and demonstrate responsibility. If these conditions are not met, you can expect one-on-one meetings with me, parent/instructor conferencing, and administrative action, if necessary.  **Concerning the use of cell phones and other electronic devices:**  Devices should be on silent and kept in your purse, backpack, or pocket during class unless otherwise instructed. You may not place it on your desk. Parents, guardians, and other family members should call the front office in case of emergency.  If you violate this rule, you can expect the following consequences:   * *First offense* – The phone or device will be placed in a phone chart at the front of the room. You may pick it up at the end of class. * *Second offense* – The phone or device will again be placed in a phone chart at the front of the room until the end of class and a parent/guardian will be notified. * *Third offense* – This is defiance and I will notify an administrator. |  |
| ***Grading Policy:*** | | Major assessments will count 70 percent of your grade. Homework and classwork will account for 30 percent of your grade. Grades will be updated weekly in PowerSchools. Each grading period will consist of nine weeks. |  |
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| ***Make-up Work Policy:*** | | Make-up tests will **only** be given to a student who has an **excused absence**. **The student must make arrangements with the teacher to take a make-up test.** **Tests may be taken during Patriot Path with prior arrangement from each teacher.**  A student only has two chances (the next two Patriot Paths after the absence) to make up a test. All make-up tests will be administered in the designated classroom on the Patriot Path session roster.  Homework/Classwork: Students who are absent for **excused reasons** will be permitted to make up missed work. **It is the student’s responsibility to get their work assignments the day upon return to school and complete the assignments according to a time frame determined by the teacher within two weeks of the date of the last absence**. Grades of zero will be assigned for assignments missed because of unexcused absences. |  |
| ***Text and Other***  ***Required Reading:*** | | Becoming a Healthcare Worker. First Edition, by Sherry Makely, Shirley A. Badasch, Doreen S. Chesebro  Dean Vaughn Learning System.  Second Edition, by Dean E. Vaughn. |  |
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| ***Materials and***  ***Supplies Needed:***  ***Laptops***  ***Turnitin Notice***  ***Accommodations*** | | Notebook (three ring binder), notebook paper, dividers, 1 Composition Science notebook,  black ink pens, # 2 pencils, 1 roll of paper towels, 1 bottle of Hand Sanitizer or Hand Soap, and 1 Box of Kleenex.  1 container of Clorox wipes.  Concerning laptop utilization: 1.Student laptops should not be hard-wired to the network or have print capabilities. 2. Use of discs, flash drives, jump drives, or other USB devices will not be allowed on Madison City computers. 3. Neither the teacher, nor the school is responsible for broken, stolen, or lost laptops. 4. Laptops and other electronic devices will be used at the individual discretion of the teacher.  The majority of writing assignments in this course will be submitted to Turnitin via the Schoology learning platform. Turnitin generates a report on the originality of student writing by comparing it with a database of periodicals, books, online content, student papers, and other published work. This program will help students discern when they are using sources fairly, citing properly, and paraphrasing effectively - skills essential to all academic work.  Students will have the opportunity to review their Turnitin originality report and will have the opportunity to make revisions before submitting their work for grading. Once their work is submitted, teachers have the opportunity to view the student/s originality report and grade accordingly.  Requests for accommodations for this course or any school event are welcomed from students and parents. |  |
| **18 – WEEK PLAN\*** | | | |
| **Weeks 1-3** | Introduction to Healthcare  Healthcare Professions  Part 1  Healthcare Professions Part 2 | | |
| **Weeks 4-7** | Role of Science in Healthcare  Role of Science in Healthcare  Growth & Development | | |
| **Weeks 8-10** | Medical Math Conversions (oral suspension & po-by mouth)  Medical Math  (IM & IV, drip rates)  Medical Math | | |
| **Weeks 11-15** | Communication in Healthcare  History & Trends in Healthcare  Occupational Safety  Introduction to Infection and Control & Healthcare  Health & Wellness | | |
| **Weeks 16-18** | Nutrition  Hands Only CPR-Madison Fire & Rescue | | |
| **Week 19** | Review for Final | | |

**\*This is a tentative plan and may change at the discretion of the teacher.**

**Please sign below to acknowledge that you have received, read, and understood the syllabus.**

**Student name**: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Student signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Parent/guardian name**: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Parent/guardian signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Parent/guardian, please provide two ways for me to contact you (email address, phone numbers):**

Parent/guardian Email:

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Parent/Guardian Phone number:

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_