HEALTHCARE SCIENCE 2- 5551- Essentials of Healthcare Practices Syllabus

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Office Hours: Monday through Friday 8:00 am through 3:30 pm

Course Description:

Health Science 2, Essential Healthcare Practices course is designed to provide for the development of advanced knowledge and skills related to a wide variety of health careers. Students will employ hands-on experiences for continued knowledge and skill development. Builds on curriculum introduced in Foundations of Healthcare Professions. Develop enhanced written and oral communication skills and medical math principles. This course applies basic medical terminology roots, prefixes, and suffixes to communicate body systems, diseases, and disorders. Identifies how key systems affect services performed and quality of care. Defines legal responsibilities, limitations, and implications on healthcare worker actions. Investigates accepted ethical practices with respect to cultural, social, and ethnic differences within the healthcare environment. Instructs technical skills for measuring and recording vital signs.

Course objectives: Upon completion of this course, proficient students will be able to build on foundational standards from Health Science 1 and incorporate patient care skills learned within a classroom and lab setting. Students will also become CPR certified.

General Requirements: This course is for students in grades 10-12. Students enrolled in this course must have successfully completed Health Science 1 with a grade of 75% or higher.

Pre-requisites: Biology 1 and Health Science 1 – Foundations of Healthcare Professions Credit: CP - 1 unit = (120 hours) or 2 units = (240 hours)

State Standards:
https://www.ed.sc.gov/instruction/career-and-technical-education/programs-and-courses/career-clusters/health-science-education/health-science-pathway-standards/health-science-2-standards-essentials-of-healthcare-practices/

Learning and Developmental Goals:

1. Demonstrate Infection Control & Safety Practices
   Apply standard precautions, PPE, hand hygiene, and emergency procedures to ensure a safe healthcare environment.

2. Perform Basic Patient Care Skills
   Accurately complete foundational skills such as vital signs, hygiene care, and patient

positioning while maintaining dignity and comfort.

3. Communicate Effectively Using Medical Terminology
   Use appropriate verbal, non-verbal, and written communication in patient care and team interactions.

4. Apply Legal, Ethical, and Professional Standards
   Understand patient rights, confidentiality, legal responsibilities, and ethical behavior in healthcare settings.

5. Collaborate as a Member of the Healthcare Team
   Work respectfully and effectively with others, demonstrating leadership, professionalism, and teamwork.

6. Develop Clinical Reasoning & Problem-Solving Skills
   Use critical thinking to respond appropriately to patient care situations.

7. Build Employability & Workplace Readiness
   Practice professionalism, responsibility, cultural competence, and preparation for further health science training.

COURSE COMPETENCIES AND LEARNING OBJECTIVES:

Foundation Standard 1: Communication · Demonstrate methods of delivering and obtaining information while communicating effectively. · Includes written communication, digital communication, and use of medical terminology and abbreviations.
Foundation Standard 2: Human Anatomy and Physiology · Understand human anatomy, physiology, common diseases, and disorders. · Describe organization of the human body, directional terms, and body systems.
Foundation Standard 3: Systems · Identify how key systems affect services performed and quality of care. · Includes healthcare delivery systems, consumer rights, emerging issues, and healthcare economics. **Foundation Standard 4: Legal Responsibilities**

· Understand human anatomy, physiology, common diseases, and disorders. · Describe organization of the human body, directional terms, and body systems.
Foundation Standard 5: Ethics · Understand accepted ethical practices with respect to cultural, social, and ethnic differences. · Includes ethical/legal distinctions, bioethics, cultural awareness, and health disparities.
Foundation Standard 6: Medical Mathematics · Understand accepted ethical practices with respect to cultural, social, and ethnic differences. · Includes ethical/legal distinctions, bioethics, cultural awareness, and health disparities.
Foundation Standard 7: Information Technology in Healthcare · Apply information technology practices common across health professions including EHR, data collection, and documentation standards.
Foundation Standard 8: Technical Skills · Apply information technology practices common across health professions including EHR, data collection, and documentation standards.

Instructional Materials Needed in Class:

Chromebook, three ring binder with dividers, pen, pencils, highlighter, index cards

Textbook: Simmer's DHO Health Science- 9th edition

Assignments

Students will receive instructions in class about assignments and when they are due. We use Google Classroom in the Health Science program and almost all of the assignments are electronic.

Grading Procedure

Major assessments will generally occur at the end of each unit. Quizzes will be given periodically to check for comprehension. Students will be required to perform skill demonstrations to the instructor for a grade. Grades are weighted per District Policy*

- Major Assessments (tests, projects) 40%

- Formative Assessments (quizzes, labs) 30%
- Homework/Classwork 20%
- Writing assignments 10%

= 100%

*per Marion County School District guidelines for grading scale with requirements

If you are absent, it is the students responsibility to make arrangements to make up any missed assignments. **Work must be made up within 5 days of returning to school. Anything not made up by this time will become a zero unless prior arrangements have been made.**

I do not assign homework and any research or projects are done during class time. **Classwork is due the day of class. I give time in class for classwork to be completed. If it is not submitted by the end of class, classwork/participation grade will be a ZERO. No makeup unless you are absent and then the policy above applies.**

If you need extra help, let me know and we will set aside a time that we can work together.

Presentation of rules and procedures

The first week of school, students are given a copy of classroom rules and procedural guidelines. A copy of this is posted in the Google classroom. During the first week of school, school rules, consequences, and procedures are reviewed with the students. Students must read, sign and return acknowledgment of rules and consequences. A file is kept of these signatures in the classroom. These are reviewed as necessary.

CLASS ROOM RULES

1. Treat class as a job site.
2. Be on time to class. You are considered tardy if you are not in the classroom by the time the tardy bell rings and the classroom door is closed.
3. **Marion County School district attendance policy applies to this course. i.e. No more than 10 unexcused absent days per semester (both 9 weeks). >10 unexcused days will results in AF-Attendance failure.**
4. Show respect for your teacher and for your classmates. Disrespectful language, gestures, or attitudes will not be tolerated in my class.
5. Do not interfere in any way with the learning taking place in the classroom. Talking, making unnecessary noise, being out of your seat without permission are all deterrents to learning.
6. Follow directions the first time. You should obey directions asked of you by a teacher promptly and without any hesitation.
7. Come to class prepared with all necessary materials
8. Electronic devices/**CELL PHONES** will be used in class **ONLY as instructed. Cellphones must be turned off or silent and in student's bookbag and not on their person during class time. This is in adherence to the SC state policy .**
9. Do not use any equipment unless given instruction and permission by the teacher.
10. Clean up after yourself
11. Obey all school rules outlined in the student handbook
12. **NEVER TALK DURING INSTRUCTION TIME OR WHEN SPEAKER IS PRESENT! THIS WILL NOT BE TOLERATED, AND YOU WILL BE ASKED TO LEAVE THE CLASS AFTER RECEIVING THE FIRST WARNING and TEACHER WILL CALL PARENTS/GUARDIAN**
13. Positive consequences: rewards, treats, special class activities, etc.

TARDY POLICY:

If you are not in the classroom when the bell rings, you are tardy. Students who are tardy must go to the front office to get a tardy slip to be admitted to class. Be mindful of habitual tardiness and the district's attendance policy.

LAB SAFETY:

Students are required to take a lab safety test and must make a 100% before they will be allowed to participate in the lab. Students will receive a lecture the first week of classes. Students who do not pass must remediate and re-take the exam until they make a 100%.

EMERGENCY SITUATIONS:

If you learn of a school or an area emergency, please do not rush to school to pick up your child. Additional traffic will block any needed emergency vehicles. Your presence in the school building could delay the evacuation process. Each school's emergency response plan includes procedures for protecting children as the first priority, followed by a system of reuniting them with you in a safe, orderly, and timely manner. As parents, you play an essential role in keeping students safe during an emergency. Please know that our highest concern is your child's safety. The district and each school have emergency response plans covering natural disasters and other emergencies. If you wish to discuss specific concerns or have any questions regarding our safety plans, call your school principal or the district's emergency services manager at 843.423.1811.

What you should know:

Lockdown

This is a response to an immediate threat to the campus such as an intruder in the building. Classrooms and all entrances are locked. Students remain in their classrooms with their teacher and no one is permitted to enter or leave the building until the situation is resolved. Staff and law enforcement (school resource officer) will be in the halls.

A lockdown is usually for a short duration. The lockdown will be canceled as soon as it is determined the threat no longer exists.

Hold

This is in response to a general threat to the area or campus. All entrances are locked and no one is permitted to leave the building. Normal instructional activities continue. Staff and law enforcement (school resource officer) will be in the halls. Anyone entering the building will be required to state the reason they need to come in (pick up a student for a doctor's appointment) and show a photo ID.

A hold may continue for an extended period of time and will be canceled when the threat no longer exists.

With both procedures, as parents, you should know that your student is in a secure environment with increased staff and law enforcement presence. We would ask that you not come to the school unless it is an absolute emergency. You are placing yourself and others in danger by entering the threat area.

DISCIPLINE

1st offense: A verbal warning will be given when a minor classroom or school rule is broken, unless the discipline code calls for a referral.

2nd offense: Telephone call to the parent/guardian.

3rd offense: Referral to ACT administration

Sensitive Topics

Within Health science and health care we have a variety of topics that are not taught within the general education curriculum. For example, during our infection control unit, we will cover a wide variety of infections and how they are transmitted. This also includes a discussion on sexually transmitted infections because they are a part of a health care worker's role. We cover other sensitive topics as well, including drug abuse, mental health, COVID, athlete abuse as well as many other ethical issues in athletics and in health care. Topics to be taught will include facts and present multiple view points using those facts. My intention as the instructor is not to force a viewpoint on my students, but rather give them the information and let them decide for themselves. In the past, students often had lively, yet civilized discussions among their classmates with these topics. I enforce a civil discussion and do not allow students to belittle one another's views.

I am more than happy to discuss any concerns or questions regarding these sensitive topics with you. If you do not want your student participating in any of these lessons, please let me know. I can also provide alternative assignments if you wish. I look forward to continuing to teach your child and helping to prepare them for jobs in health care.

Communication with Parents

Please indicate how you would prefer to be contacted by providing your information.

House phone number: _____ Cell phone number: _____

Email: _____

IMPORTANT INFORMATION: To gain access to PowerSchool. The website location is: https://marion10.powerschool.com/public/home.html You will need the information from your child's school counselor to complete your setup information for your child. You need a separate letter if you have multiple children.

Please sign and return after reading to confirm understanding.

_____ _____

Parent Signature **Student Signature**

Please also indicate if your child **will have access** to the **internet** for the on-line textbook homework reading and assignments.

Yes my child will have internet access _____

No my child will not have internet access ____