

HEALTH SCIENCES II (Healthcare and Clinical Services)

DeSoto County Schools
Career and Technology Center East
8890 Deerfield Dr.
Olive Branch, MS 38654

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Course Description:

Health Sciences II, Healthcare and Clinical Services, helps the student establish insight in the healthcare field. Students will be exposed to the theory and applied tasks related to careers within health care. This course covers topics such as human growth and development, health informatics, information technology, and therapeutic and rehabilitative services. Other topics include medical and emergency services, mental health, and pharmacological and nursing services. This course is taught for 2 semesters, and earns 1.0 Carnegie unit each semester.

The two year Health Sciences program includes a minimum of 100 hours of clinical-type experience to be obtained by the program's completion. This clinical-type experience can include: tours of health-care facilities, guest speakers, participation in health fairs or community service, laboratory practice, demonstration in the classroom, and observation or job shadowing experiences in medical facilities.

Course Content:

Unit	Unit Name	Hours on topic
1	Course Orientation, Safety Review, Clinical Policies, and Employability	25
2	Emergency Services and Technical Skills	60
3	Human Growth and Development	25
4	Rehabilitative Services	30
5	Medical and Nursing Services	50
6	Therapeutic Services	30
7	Pharmacological and Diagnostic Services	40
8	Information Technology, and Health Informatics	20

Career Explorations:

Students will work in coordination with other classes, students, and schools to cover a variety of topics such as hand washing at the elementary school, height and weight at the preschool, and first aid fair with the high school. The students will also be assigned clinical observation two times per week, Monday and Wednesday, usually October through March.

Required Materials:

1" binder with dividers **to be kept in classroom**

2"-3" binder for class notes and PowerPoint presentations that does not stay in the classroom

Pen or pencil and paper

2 packs index cards

Occasionally students will need poster board or trifold boards for projects

Basic watch with second hand for clinical and lab skills

1 box Kleenex

For Clinical Observation at BMH-Desoto

Students must provide an immunization record, proof of a TB skin test, and proof of an influenza immunization in order to participate in clinical observation. Students must also pass a criminal background check as required by Baptist Memorial Hospital-Desoto.

Students must wear approved scrubs for clinical observation-red scrubs with optional white long sleeve shirt to wear under the scrubs or a white lab coat. More specific information about clinical will be sent home a few weeks after school starts.

Assessment and Grading Scale:

Assessments will include written and oral tests, individual and group projects, homework, class/lab participation, bellwork, guest speakers, and current events. Students will also earn a clinical grade. There are plenty of opportunities in my class to earn grades.

Tests comprise a large portion of the student's grade. The tests can be oral, written, or on computer. They will include multiple choice and matching questions, fill-in-the blank questions, and short answer questions. The test itself focuses not only on basic understanding of the information, but will also focus on application of the information. We teach very specific information and it can be found in our main textbooks, *Diversified Health Occupations, 8th Ed.*, or *Health Care Science Technology Career Foundations*. Each desk will be assigned a textbook, and if the student needs to take it home, they must check-out the book daily.

Bellwork is a daily assignment that they students receive as soon as they come to class. The purpose of bellwork is to use all instructional time. Bellwork is related to the previous day's information or information for that day's class. Bellwork allows the student approximately 10 minutes to arrive to class, get settled, and then focus on this class's topics. Bellwork is a cumulative grade for each 9 weeks. The student starts with a 100 and as long as they do the required bellwork assignments, they will continue to earn the 100. Should they not do the bellwork, at the end of each 9 week's, their "Bellwork" grade will reflect the lack of effort and work.

Clinical observation will also be graded weekly based upon professionalism and academic work. The students grade is composed of points earned for being on time, being dressed appropriately, completing pre and post work for each clinical day including a clinical journal.

Letter grades will be determined using the guideline set forth in the handbook. Grades will be weighted by percentages according to the assigned work category, in second column below.

A	90-100	9 weeks tests	20%
B	80-89	Tests	50%
C	70-79	Quizzes	30%
D	65-69	Projects	30%
F	below 65	Clinical work	30%

Late work will be accepted within 2 days of the assignment due date. After 2 days, the student and teacher must have discussed and made arrangements. **Assignments have due dates and those dates are not arbitrary nor are they at the will of the student to change.** Late work will have a 15 point penalty, meaning that an 85 is the highest grade the student can earn.

Each student is responsible for their own work, supplies, ect. **Each student is responsible to get assignments for work missed if they are absent.** Each student will have their own folder in a cabinet located in the back of the room. Their folder will have missed work, returned work, graded work, and letters home. They are responsible for checking this daily and when they miss class. I will **NOT** remind them of their responsibilities.

Attendance to my class is essential. Our information builds upon itself, just as the human body builds itself from cell to body systems. It is difficult for students to “keep up” in class if they routinely miss information and therefore miss key components of the topics. I post all my PowerPoint presentations on my teacher website through CTCE. The students have access to this information all year long. They should utilize this resource, the textbook, and their classmates when they miss class. I briefly review previous information but I will **NOT** repeat a day’s lecture due to absenteeism. If the student needs help, please come see me and I will do the best I can. Student attendance is specifically addressed in the Student and Parent Handbook that each student receives at the beginning of the school year. **Caregivers are supposed to sign and return an acceptance letter that the student handbook was received and read.**

All Health Science Core students will take the MS-CPAS2, or the Mississippi Career Planning and Assessment System, Edition 2 in mid-April. This is a statewide test given to Career Technical Education students. The results are used to measure technical-skill attainment.