

HEALTH SCIENCE THEORY

Ben Barber Innovation Academy

Mansfield independent School District

Course number 1411CT

This course will give students the opportunity to further investigate areas of the health care field (diagnostic, therapeutic, health informatics, support services, and biotechnology research and development) and consider the importance of professional integrity as it relates to medical ethics and communication. Students will learn skills to prepare them for upper-level courses and a career in the medical field. This course is a prerequisite for ALL health science practicum courses.

Certifications: BLS/HCP CPR will be taught. After passing a skills demonstration demonstrating correct performance of CPR/AED skills without assistance, hints, or prompting from the instructor, and passing the written test with a score of 84% or above without notes or assistance, the student will be issued their CPR card. Attendance during this training is critical for successful completion of this certification, which is necessary for upper level health science classes (such as PCT, CNA, EMT, Pharmacy Tech, and Phlebotomy/EKG.)

Health Science Theory Scope and Sequence			
1st/4th Grading Period	2nd/5th Grading Period	3rd/6th Grading Period	
Unit of Study: Introduction to Healthcare (Health Care Systems & Careers)	Unit of Study: Academic Foundations: Medical Terminology, A & P (CV system), Heart Disease, Healthcare Skills (CPR/First Aid, VS)	Unit of Study: Critical Concepts (Lifespan Development, Healthcare Technology)	
TEKS: 130.231c 1(B), 2(C), 4(A,C), 7(A,B), 8(B,C), 10(A), 11(A), 12(A), 13(D)	TEKS: 130.231c 1(A,B), 2(B,C,E,F,G), 5(A), 9(D,G-I)	TEKS: 130.231c 1(B), 2(C,D,G), 3(B,C), 4(B), 5(A,B), 6(A,B), 9(G), 12(C)	
Unit of Study: Introduction to Healthcare (Laws & Ethics)	Unit of Study: Academic Foundations: A&P Overview/Diseases; Healthcare Skills: Assisting with mobility	Unit of Study: Healthcare Skills (Working in Healthcare), College & Career Readiness (Communication, Medical Math)	
TEKS: 130.231c 2(C), 10(A,B,C)	TEKS: 130.231c 1(A,B), 2(B,C,E,F,G), 5(A), 9(F)	TEKS: 130.231c 1(A), 2(A,C,F), 3(A,B,C), 4(A-D), 8(A), 9(B,E,F,G,I)	
Unit of Study: Introduction to Healthcare (Safety & Infection Control)	Unit of Study: Critical Concepts (Health & Wellness)	Unit of Study: College & Career Readiness: Healthcare Skills (Study Skills & Employability)	

Instructor: Sheila Robinson RN, BSN
sheilarobinson@misdmail.org

Room A-212 Email:

Phone: Campus 682-314-1600 ext 1608 (*not monitored on any regular basis*) Cell (682) 553-3006

Tutorials: Conference TBA

Tutoring by appointment Monday and/or Wednesday 3-5 pm

Course information:

Google drive: (drive.google.com) Make a folder- First name, last initial, underscore, block (for example SheilaR_3-4)

Google classroom: (classroom.google.com) Class code:y5jsrny (parents are encouraged to enroll also)

Course information: icevonline.com/register; students will be given registration information in class.

Textbook: ICEV online curriculum

Diversified Health Occupations (6th Ed.)(Simmers)(Mosby/Elsevier)

Materials to be handed out by instructor

American Heart Association Health Care Provider CPR

Apps your student should add to his/her iPad:

Google Drive

Google Classroom (class materials/assignments)

Credits: Students will earn 1 unit of credit for this course.

Resource Websites: www.icev.com

www.WebMD.com

www.cdc.gov

<http://www.easybib.com/>

www.mayoclinic.com

www.anatomyandphysiology.com

<http://sciencecases.lib.buffalo.edu/>.

Student Organization: Students are encouraged to participate in the M2 Mansfield Medical student organization, which correlates with the Health Science curriculum. Skills USA is the organization that will be utilized for competitions.

Course Calendar/Schedule:

Course Schedule: (The schedule is tentative and subject to change due to progress within the class and circumstances outside the classroom) See calendar provided.

Course Policies and Class Expectations:

1. **Be on Time:** When the bell rings, be in your seat and ready to begin. We will begin promptly! The school has a zero tolerance for tardiness. You are officially tardy if you are not in the room by 7 am or 11:30, and absent at 20 minutes. Official entry is when you have signed in. At the end of class, wait at your seat to be dismissed.

2. **Be Considerate:** Show respect to others. Once class begins, talking should only be to answer a question or participate in class discussion or group work. We will have many visitors during the year, please be polite, respectful, and courteous. Texting, messaging, or game playing once class has begun will be considered disrespectful and discourteous behavior.
3. **Be Supplied:** When you come to this class, plan ahead and have everything you will need. Bring your iPad, paper and pen to take notes, etc.
4. **Behave:** *You have chosen to be here* as part of this Program of Study (POS). You were chosen from several applicants to be part of this program. I will treat you as professionals. I expect professionalism in return. **Academic Dishonesty** will not be tolerated. Plagiarism or cheating will result in a grade of zero and the student will have to schedule to take an equal but alternative exam/assignment within 1 week. *Please refer to the MISD Student Handbook.*
5. **Once you are in, you're in!:** Please attend to thirst, toileting, food and hydration needs, and other personal needs prior to entering the classroom. Do not drop your stuff off and leave. **This is not Cosmetology!** Please attend to your makeup and grooming needs before you enter.
6. **Electronics/Food:** Any electronics, other than MISD issued, should be silent and not in use, unless otherwise instructed. Please refrain from use of your cell phone or electronic music devices, unless the instructor gives you permission to use them (rare, but it could happen!). You may bring water to class, but no fountain drinks, no bottled or canned soft drinks, no energy drinks, and no food, should enter the class. Plan your time to complete eating prior to arrival!

General Requirements: The prerequisite for the course is Principles of Health Science.

Classroom Expectations regarding iPads

- 1) Close all applications on the iPad upon entering the classroom. You may only have open the apps to be used in class during that specific class period. The opening of any additional app including any gaming, messaging or email feature will result in a disciplinary referral.
- 2) iPads need to remain on your desk at all times. When they are not in use, you will need to have them face down in the top right corner.
- 3) iPads need to remain flat on your desk or slightly propped (using the stand) when in use so that your screen can be viewed by me at all times.
- 4) Make sure your device has the sound off. You will be instructed when it is necessary for the sound to be on. In that case, you will be asked to use headphones (see classroom materials).

BYOD

Mansfield ISD has a BYOD policy in place; however, with access to iPads in the classroom daily, the use of any cellular device is only allowed with permission from the teacher. Having cell phones out in class without permission will result in disciplinary action.

Materials Needed: 1 Black ink pen (*no other color will be accepted for any assignment!*) 1
) 1 Red ink pen
 1 Highlighter (any color)
 1 3-inch binder
 1 spiral notebook
 Map Pencils or color markers (*We will be using coloring books for anatomy*)

Grades: Daily grades 60 % Major Grades 40%

20% of your grade will be the final. The final will be comprehensive and is required to include an essay portion per MISD policy.

SEMESTER EXAMS

Each semester, specific exam schedules are designated for MISD high school and dual credit courses. These schedules must be followed. Neither mid-term nor final exams are given early. If a student is absent on the day of an exam he/she will take the exam at a date/time designated by the school. A student is expected to contact the course teacher to schedule a make-up time for a first semester exam missed because of student absence. A student is expected to contact the school counseling department to schedule a make-up time for any second semester exam missed because of student absence.

TEST RETAKES

- Students who fail a major test/assessment (below 70%) will be allowed to retake or correct up to a 70% grade. This does not include semester examinations.
- Students are expected to make arrangements with the teacher to retake or correct a major test/assessment.
- Students are encouraged to participate in tutoring opportunities before retaking a test.
- Each teacher will communicate routine requirements for retakes and corrections in his/her course syllabus.
- All retakes or corrections must be completed prior to the end of each six week grading period unless the student is afforded time, after the six week grading period, as a result of the district's absent/make-up guidelines.
- See UIL Eligibility ("No Pass/No Play") guidelines for additional information related to grades and UIL Eligibility.

LATE WORK

- Teacher designates due date and time for assignment (Beginning of class period, End of class period, designated time of day)
- If student fails to meet the due date and time, then the student has till the next class period (next A day or B day) to turn in assignment to be considered one day late.
- Students will be assessed a penalty of 30% points for up to one class period late.
- Score of a zero may be given for work turned in after one day late.

MAKEUP WORK (because of absence for any class missed)

- The teacher may assign the student makeup work based on the instructional objectives for the subject or course and the needs of the individual student in mastering the essential knowledge and skills or in meeting subject or course requirements.
- A student will be responsible for obtaining and completing the makeup work in a satisfactory manner and within the time specified by the teacher. When absent, the student is afforded the number of days missed plus one additional day to turn in makeup work. [A/B Block Example: A student misses Monday and Tuesday of the week and he/she returns on Wednesday of that same week. Student work from Monday's absence is considered late after Friday, and student work from Tuesday's absent is considered late after the following Monday.]
- A student who does not make up assigned work within the time allotted by the teacher will receive a grade of zero for the assignment.
- A student is encouraged to speak with his/her teacher if the student knows of an absence ahead of time, including absences for extracurricular activities, so that the teacher and student may plan any work that can be completed before or shortly after the absence.
- A student will be permitted to make up tests and turn in projects due in any class missed because of absence. Teachers may assign a late penalty to any long-term project in accordance with time lines approved by the principal and previously communicated to students.
- See UIL Eligibility ("No Pass/No Play") guidelines for additional information related to grades and UIL Eligibility.

Academic dishonesty

Teachers determine what constitutes cheating and/or plagiarism.

Consequences for academic dishonesty

Daily Work

- Every Offense
 - Academic and Disciplinary Consequences
 - Assign grade of zero
 - Write a referral
 - Teacher contacts parents
 - Consequence from administrator would be a minimum of AC placement

Exams or Other Major Assessments

- Every Offense
 - Academic and Disciplinary Consequences
 - Assign grade of zero
 - Write a referral
 - Teacher contacts parents
 - Consequence from administrator would be a minimum of AC placement
 - An alternative exam or major assessment can be completed for a maximum grade of 70%
 - Academic Associate is notified and will schedule a meeting with student, parent and teacher

Exams and Projects: There will be frequent skill-demonstrations, quizzes and exams, and an Exam/Project for each topic covered. All topics and units are comprehensive, so anything previously covered is still fair game! *Your goal is to master the content in working knowledge, not memorize it just enough for an exam!!* Projects are designed to demonstrate mastery of content and will require application of knowledge or skill by demonstration. Labs will be graded on participation, accuracy and attention to detail, along with ongoing practicum format! Projects will be graded according to the rubric provided with each assignment. Projects may or may not involve class time, library time or computer lab time. Please plan to utilize your time well, plan for having to manage outside of class and meet the due date. This includes being able to communicate and coordinate with your project partners.

Standards for work: All assignments should be neatly written in **black ink**, or typewritten. College rule notebook paper is acceptable. Submission electronically is the preferred method. All assignments must be legible and neat. (*if I cannot read it, I reserve the right to decline accepting it.*) Spelling and Grammar will be counted. Assignments should be emailed to sheilarobinson@misdmail.org as appropriate for the class, unless otherwise instructed by me. Clinical assignments will be turned in in class, in the designated area.

Advancement: Advancement to Clinical Internship or Practicum level courses will be determined by your classroom and clinical participation, course grade, conduct, attendance, attitude, and teacher recommendations. Please see attached letter and Professionalism Evaluation tool.

Confirmation of Receipt and Understanding of Syllabus And MISD Student Expectations.

Please return with all signatures and information by Friday, August 28

Student Name _____ Student ID _____
Parent/Guardian Name(s) _____, _____ Home
Campus:
Frontier HS Lake Ridge HS Legacy HS Mansfield HS Summit HS Timberview HS
(Please circle applicable campus)

Please sign and return this form to the instructor. Signatures will serve as acknowledgement that both students and parents have read and understand the course syllabus, and have received the student handbook for their home campus. I will also be asking your student to program my cell phone number into their cell phone for the duration of this course. This will allow me to notify them quickly should the need arise for school or clinical related information, and facilitate their contact of me (see clinical rotations).

I, the undersigned, have received and read the course syllabus and student handbook for my home campus.

I understand that MISD Health Science Technology Education is held to standards and expectations in the clinical setting, to maintain the integrity of the hospital and program, as well as to ensure the safety of the patients, staff, and students.

I understand that my student will be subject to a Criminal Background Check and Urine Drug Screen. I understand that my student will be required to submit to a Manteaux skin TB test. I further understand that it will be my financial responsibility to obtain a chest X-ray to confirm absence of TB, should a positive skin test occur.

I understand that I must provide proof of currency for immunizations, including MMR, Tdap, Varicella, Hepatitis, and influenza prior to my student being allowed hospital orientation. My student has my permission participate in all areas of the clinical rotations, to be assigned at the discretion of the instructor.

My student has my permission to be transported to and from clinical rotations by MISD bus transportation.

My student has my permission to communicate with the instructor by phone, text, and email, as necessary for the duration of the course.

Date _____ Parent Names and Signatures _____

Preferred Emails: _____

Parent Daytime Phone: _____, _____

Date _____ Student Signature _____

Student Email: _____ Student Cell Phone: _____

