

**Missouri Valley High School  
Health Science I  
Course Syllabus  
2007 - 2008**

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<u>Course Name</u>	<u>Credits</u>
Health Science I	2

<u>Course Meeting Times</u>	<u>Course Location</u>
M- F 6 <sup>th</sup> and 7 <sup>th</sup> period	ICN room

**Course Description**

In this class students will be introduced to the health care system as well as career opportunities. Students will discuss legal and ethical situations in health care. They will demonstrate basic level core skills applicable to many health careers. Students will also understand how essential communication and teamwork are in the health care system. American Heart Association First Aid and CPR certification will be obtained.

**Course Objectives:**

Upon completion of the course the student will be able to:

1. Describe health care systems and the history of health care.
2. Identify various health care careers.
3. Demonstrate basic communications skills, computation, and problem solving skills necessary for health care.
4. Review legal and ethical standards in the health care systems.
5. Demonstrate basic level core skills required for a variety of health occupations with the use of appropriate safety procedures (Ex. CPR, vital signs, first aid).
6. Demonstrate leadership and team work skills.

Included in this course the American Heart Association Healthcare Providers CPR and First Aid will be taught. The student may purchase a certification card at the cost of \$3.00.

Upon completion the student be able to demonstrate the following:

1. Adult one man and two man CPR, and AED use.
2. Child one man and two man CPR, and AED use.
3. Infant one man and two man CPR.
4. Care of choking victims of all ages.
5. First aid for burns, fractures, poisoning, stroke, heart attack, breathing difficulties and environmental emergencies.

\*This is offered as optional dual credit through Iowa Western Community College.

## **Prerequisites**

None

## **Instructional Delivery System**

The primary practices used in this course are lecture, discussion, presentations, and take home assignments. Field trips and guest speakers will be utilized as well. Participation in Health Occupations of America (HOSA) will also enhance the learning process.

## **Required Textbooks**

Simmers, Louise. Introduction to Health Science Technology, Thomson, 2004

## **Supplemental Material**

Simmers, Louise. Student Workbook to accompany Introduction to Health Science Technology, Thomson, 2004

## **Course Practices**

### **1. Attendance Requirements**

- Attendance is mandatory and students are expected to be on time.
- If you are absent, it is your responsibility to find out what you missed and to get your assignments. As stated in the student handbook, you have as many days for makeup as you missed.
- Pre-excused – You will be required to get your assignments before you are gone.
- Work missed due to an unexcused absence will be recorded as a “0”.

### **2. Standards for written work**

- All written work will be prepared according to the directions of the instructor
- Students are expected to use appropriate grammar.

### **3. Late papers and assignments**

- NO LATE PAPERS / ASSIGNMENTS ACCEPTED. If the paper/assignment is not submitted on time, they will receive a zero.

### **4. Missed Tests / Make-up Tests**

- Test dates will be posted in advance in the classroom. If a student misses a scheduled test, the student will be required to take the exam on the day of their return.
- Quizzes may be scheduled or non-scheduled.

### **5. Classroom Management and Behavior**

- Students will be expected to be punctual and prepared with required classroom materials.
- Students will be expected to listen, take notes, ask questions, and participate in discussions and activities.
- Cheating will not be tolerated. Anyone caught cheating will receive a “0” for the assignment/test and will also be punished according to the student handbook.
- Students will be expected to treat others with respect and dignity.

## **Classroom Assessment Techniques**

Assessment of the student's performance will be based on the following:  
Written assignments, quizzes, tests, and classroom participation.

## **Grading**

### **Tests**

A unit test will be given over each chapter. The test will be given at the beginning of the class period. A comprehensive exam will be given at midterm and a final exam will be given at the end of the term.

### Grading Scale

A = 100 – 93 %

B = 92-86 %

C = 85-78 %

D = 77-70 %

F = Below 70 %

The letter grade will be calculated from the number of points the student has earned.

## **Special Accommodations:**

If you are an individual with a disability who requires special accommodations, please contact the instructor so that arrangements can be made