

**HEALTH SCIENCE CORE
COURSE SYLLABUS
INDIANOLA CAREER AND TECHNICAL CENTER
Mrs. A. Patton, RN INSTRUCTOR
A BRIEF BIOGRAPHY:**

**2005 Graduate of Gentry High School
A.A. Pre Health Science, MS Delta Community College
A.A.S in Registered Nursing, MS Delta Community College
AHA Basic Life Support INSTRUCTOR
AHA Pediatric Advanced Life Support Provider
AHA Advanced Cardiovascular Life Support Provider
ENA Trauma Care Provider
NRP Neonatal Resuscitation Program Provider
CPI Nonviolent Crisis Intervention Provider**

Health Sciences is a pathway of courses for students in the Health Sciences career cluster. The Health Sciences pathway includes classroom and hands-on experiences that will provide students with an overview of the health-care field as well as begin to prepare students for careers in occupations predicted to have a high number of available jobs in the next 10 years.

COURSE DESCRIPTION: The first course of the secondary Health Sciences program introduces students to careers available in the health field, basic anatomy and physiology, and basic patient care skills. Upon completion of this course, students will be trained to be entry-level general basic health-care assistants.

TEACHING FORMAT: Lectures, class discussions, reading, writing, group work, presentations and lab work will be used to make sure that students are prepared for employment or continued education in the occupations in health sciences.

TEXTBOOKS AND SUPPLIES: Textbooks will be provided by the Indianola Career and Technical Center and will remain in the classroom. The students will need the following items daily for this class:

- 1 inch binder
- 1 Blue Folder with pockets and prongs
- Pens and pencils
- Lab uniforms (scrubs)

GRADING CRITERIA: Each student is graded according to the Indianola School District's grading policy. Your grade will be based on how much and how well you complete your class work and projects. Each nine weeks grade is broken down into the following percentages:

- 25% for daily work which will include classroom participation and class work
- 50% for major work which will include projects, presentations, and tests
- 25% for your nine weeks exam/project

ATTENDANCE AND MAKE-UP POLICY: Students should attend class daily; however, when a student is absent, the following procedures will be taken for missed assignments:

1. Students that are absent one (1) day should check the assignments box/crate to get the assignments from the previous day. The assignments should be completed and turned in on the next day. For example, if a student is absent on Monday, he/she will get the assignment on Tuesday to be turned in on Wednesday.
2. Students who are absent over a three day period for a serious illness or family situation (flu, severe cold, chicken pox, death of a loved one) will be given all missed assignments. The assignments should be completed within one (1) week of his/her return to school. For example,

if a student is absent for several days and returns to school on a Wednesday, he/she will have until the following Wednesday to complete and turn in the missed assignments.

3. Students who know that they will be out of school ahead of time for surgery or some other major illness must make arrangements in the office to receive their weekly assignments. The assignments must be completed during their stay at home and returned during the following week. Additional assignments will be given once the original assignments are returned.
4. Students who fail to turn in an assignment on the due date will have three (3) days to turn in the assignment before the grade turns into a zero (0).
5. ALL assignments should be turned in on the due date. However if they are not, the following grades will be given:
 - Assignments one (1) day late will receive a grade of 75 if the assignment is completed correctly.
 - Assignments two (2) days late will receive a grade of 70 if the assignment is completed correctly.
 - Assignments three (3) days late will receive a grade of 65 if the assignment is completed correctly.

Please realize that if the assignment is late and not completed correctly that your grade will be even lower than those given above.

STRATEGIES FOR SUCCESS IN HEALTH SCIENCES I: These are some helpful tips that will make your year in Health Sciences I a successful one.

- Use time wisely.
- Begin assignments in a timely manner to make sure the assignments are completed by the due date.
- Ask questions when you do not understand.
- Participate during class/lab activities and discussions.
- Keep necessary school/classroom supplies.
- Complete ALL assignments given by the teacher.
- Study to reinforce content covered in class

PACING GUIDES: The chart below gives you information on what units will be taught in class. There will be a unit test after each unit we study. Major assignments for each unit will be given in advance.

Unit	Title
1	Orientation and Career Exploration
2	Safety and Standard Precautions
3	Medical, Legal, and Ethical Responsibility
4	Introduction to Medical Terminology
5	Organization, Covering, Support, Movement, and Protection
6	Vital Organs, Intake, and Elimination
7	Regulation, Coordination, and Reproduction

STUDENT ORGANIZATION: Students enrolled in Health Sciences are encouraged to join HOSA, Health Occupational Students of America. HOSA provides a unique program of leadership development, motivation, and recognition exclusively for students enrolled in health occupations education programs. Student members are able to compete in leadership and skill competitions at the district and state conferences. Our top three state contest winners represent our state association at the national conference.

CPAS: All students will be required to take this exam during the fourth nine weeks. Scores from this exam will count as your fourth nine weeks exam, 25% of your fourth nine weeks grade.

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COURSE DESCRIPTION: The emphasis of the second course is primarily to expose students to advanced skills in the various health occupations and the basic health-care sciences. Upon completion of this advanced course, students will be trained to work as entry-level assistants in various health occupations and will be certified in CPR at the health-care provider level.

TEACHING FORMAT: Lectures, class discussions, reading, writing, group work, presentations and lab work will be used to make sure that students are prepared for employment or continued education in the occupations in health sciences.

TEXTBOOKS AND SUPPLIES: Textbooks will be provided by the Indianola Career and Technical Center and will remain in the classroom. The students will need the following items daily for this class:

- 1 inch binder
- 1 Red Folder with pockets and prongs
- Pens and pencils
- Lab uniforms (scrubs)

GRADING CRITERIA: Each student is graded according to the Indianola School District's grading policy. Your grade will be based on how much and how well you complete your class work and projects. Each nine weeks grade is broken down into the following percentages:

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STRATEGIES FOR SUCCESS IN HEALTH SCIENCES II: These are some helpful tips that if you often will make your year in Health Sciences II a successful one.

- Use time wisely.
- Begin assignments in a timely manner to make sure the assignments are completed by the due date.
- Ask questions when you do not understand.
- Keep necessary school/classroom supplies.
- Complete ALL assignments given by the teacher.

PACING GUIDES: The chart below gives you information on what units will be taught in class. There will be a unit test after each unit we study. Major assignments for each unit will be given in advance.

Units may not be studied in sequential order.

Unit	Title
1	Course Orientation, Safety Review, Clinical Policies, and Employability
2	Emergency Services and Technical Skills
3	Human Growth and Development
4	Rehabilitative Services
5	Medical & Nursing Services
6	Therapeutic Services
7	Pharmacological and Diagnostic Services
8	Information Technology and Health Informatics

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CPAS: All students will be required to take this exam during the fourth nine weeks. Scores from this exam will count as your fourth nine weeks exam, 25% of your fourth nine weeks grade.

CERTIFICATE OF COMPLETION: Second year students who successfully complete 100 hours of clinical training and who receive a passing score of 60 on the state mandated CPAS exam for the first and second year combined will receive a certificate of completion.