

Medical Science with Clinical Applications- Sherwood High School

Medical Careers- Magruder High School

Instructor: Stephanie Gelfand

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GOAL: The Medical Careers Program is a community based program that provides students opportunities to gain knowledge and firsthand experience in careers within the health care industry. The goal of the program is to prepare students for both immediate employment and post-secondary education within a chosen medical career.

CONTENT: Medical Careers is a science and career development credited program that offers students unique medical learning opportunities. The program's broad based explorations of the health care field enables students to make informed career decisions. During the first semester students learn anatomy, physiology, disease processes and medical terminology. Students also learn to perform a variety of patient care skills. Second semester begins with the students mastering the skills associated with basic life support. Students then put their knowledge and skills into practice at a Friends Nursing Home and MedStar Montgomery Medical Center. Upon successful completion of the program, students may be eligible for certification within the State of Maryland as a nursing assistant.

***Unit descriptions are based on the Maryland Board of Nursing objectives. The performance indicators are outlined in the Maryland Board of Nursing training guidelines.**

***Prerequisites: Completed Chemistry A/B or Biology A/B with a grade of B or better
Cumulative GPA of 2.5 AND Foundations of Health and Medicine AND
Structures and Functions.***

***Co-requisite: Concurrent enrollment in Biology A/B or Chemistry A/B or a higher
level science AND Structures and Functions***

- UNIT 1** Orientation to the Health Care Delivery System
- UNIT 2** Consumer Rights/Ethical and Legal Issues
- UNIT 3** Basic Human Needs and Communication
- UNIT 4** Environmental Controls and Safety
- UNIT 5** Patient/Resident Care and Safety Measures
- UNIT 6** Scientific Principles of Medicine
- UNIT 7** Anatomy & Physiology of Major Body Systems

- UNIT 8** CPR/First Aid
- UNIT 9** Orientation to the Clinical Sites
- UNIT 10** Special Needs of the Geriatric Patient/Resident
- UNIT 11** Special Needs of Mother & Infant Patients
- UNIT 12** Direct Patient/Resident Care Systems
- UNIT 13** Diagnostic Services
- UNIT 14** Therapeutic Services
- UNIT 15** Administrative Services
- UNIT 16** Post-Secondary/Career Connections

INSTRUCTIONAL METHODS: A variety of instructional methods will be used including, but not limited to, lecture, discussion, direct student response, videos, role-playing, student self-learning activities, and clinical lab participation.

EVALUATION: Grades will reflect individual mastery of concepts and skills based on the course content. A variety of evaluation methods will be used. Marking period grade determinations will be distributed to students at the beginning of each marking period.

HOMEWORK POLICY: Homework will be posted weekly on Edline. The majority of assignments will be to read and outline a selection from the text. Most of these assignments will be followed by an open note quiz that will count as a formative grade.

ATTENDANCE POLICY: Students must be present for 95% of classes during 1st semester in order to continue on to 2nd semester. Tardiness greater than 15 minutes will be considered as an absence.

RETEACHING & REASSESSMENT: Reteaching will occur when the teacher or students determine that students are not meeting learning goals. If an assignment is determined to be reassessable, all students will be eligible for reassessment. Scores earned on a reassessment will REPLACE the original score. Assessments that indicate a final measure of learning will not be eligible for reassessment.

COMMUNICATION: Assignments and grades will be posted on Edline. Parents and students are strongly encouraged to check this and are welcomed to discuss grades with the instructor at any time either in person, via email or phone.