



Health Careers 2 Syllabus - 14002 Instructor

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Course Description

Description: Health Science Careers II will help a student discover and develop marketable and real-world skills that are essential to all health care workers. This course will cover real world skills such as infection control, disease, diagnosis, treatment, hands on skills, and documentation.

Aim: Students enrolled in this class will be given the opportunity to explore Health Science Careers and evaluate personal career aspirations. They will discover and develop foundation skills that are essential to all health care workers. This will be accomplished by student participation in a variety of activities that includes technical skills, practical medical math and career exploration lessons.

Topics Covered:

- Safety Practices
- Vital Signs
- Medical Math
- First Aid

Place within the program of study: Grade Level: 10, 11, 12

Length: Semester long, 50 minute periods, asynchronous

Prerequisite: None

Instructional Philosophy and Instructional Delivery Plan

Expectations for student performance: Students are expected to meet all of the course goals and be able to demonstrate their understanding of the underlying concepts.

Any work turned in post due date, shall have 10 points taken off immediately and then 10 points per week following. After two weeks of late work, the grade automatically goes to 50% and then if not turned in by the third week post due date, a 0 will be given.

How the instruction will be delivered: The class will be presented through Blackboard and supported with two interactive video sessions. The instruction will include video demonstrations done by students, class discussions, hands-on learning, activities and projects.

How students will work: Students will be assigned activities and projects that will require them to work independently and in groups.

How will students be evaluated: Activities and projects will be scored on rubrics, if applicable. A final written assessment will be given.

How late assignments will be graded:

All work assignments, activities, labs, etc. will be due on Fridays at 12:00 pm midnight.

Any work turned in post due date, assignments will be given an automatic 80% points After one week of late work, the grade automatically goes to 70% and then if not turned in by the second week following due date, a 0 will be given.

Course Goals

Students will learn how to:

- A. Explore career options in the health science.
- B. Analyze careers in the health sciences in respect to job duties, training and qualifications needed.
- C. Identify safety issues within the healthcare environment.
- D. Demonstrate basic technical skills representative of entry level healthcare jobs.
- E. Analyze soft skills needed in healthcare careers.
- F. Apply skills to an authentic situation in a healthcare facility.

Health Care Skill Standards

Course Standards

HS2 1: Identify and apply principles of infection control.

<i>Webb Level</i>	<i>Sub-indicator</i>	<i>Integrated Content</i>
Three Strategic Thinking	HS2 1.1 Discuss the chain of infection.	Return skills demonstration, and guest speakers (healthcare professionals).
Two Skill/Concept	HS2 1.2 Understand and apply the prevention of pathogen transmission.	Return skills demonstration, and invite guest speakers, simulation lab.

HS2 2: Discuss disease, diagnosis, and treatment.

<i>Webb Level</i>	<i>Sub-indicator</i>	<i>Integrated Content</i>
Three Strategic Thinking	HS2 2.1 Discuss disease concept with reference to Centers for Disease Control and National Institute of Health.	Simulation lab, case scenarios, and return skills demonstration.
Three Strategic Thinking	HS2 2.2 Evaluate and assess patient/residents' health.	Simulation lab, case scenarios, and return skills demonstration.
One Recall	HS2 2.3 Recognize current treatment modalities including but not limited to obesity, heart disease, cancer, and respiratory.	Simulation lab, case scenarios for acute and chronic patient/resident conditions, and return skills demonstration.

HS2 3: Demonstrate hands-on patient/residents' care skills.

<i>Webb Level</i>	<i>Sub-indicator</i>	<i>Integrated Content</i>
Two Skill/Concept	HS2 3.1 Apply procedures for monitoring, measuring, and recording vital signs.	Simulation lab, return skills demonstrations, certifications.
Two Skill/Concept	HS2 3.2 Apply First Aid/Cardiopulmonary Resuscitation (CPR), and Automated External Defibrillator (AED).	Simulation lab, certifications, and return skills demonstration, workplace tours, invite guest speakers.
Two Skill/Concept	HS2 3.3 Demonstrate knowledge of direct patient/residents' care skills.	Simulation lab, case scenarios, and return skills demonstration, student led presentations, internship, job shadowing.

HS2 4: Explain documentation standards and findings.

<i>Webb Level</i>	<i>Sub-indicator</i>	<i>Integrated Content</i>
Three Strategic Thinking	HS2 4.1 Demonstrate use of technological documentation standards by entering data on the electronic medical record or paper.	Practice charting graphs, tables, diagrams on paper or Electronic Medical Record (EMR).
Three Strategic Thinking	HS2 4.2 Differentiate between subjective and objective healthcare data to communicate patient/residents' status.	Patient assessments and interviews, case scenarios, simulation lab

HS2 5: Utilize medical mathematics skills needed in healthcare work

<i>Webb Level</i>	<i>Sub-indicator</i>	<i>Integrated Content</i>
Two Skill/Concept	HS5.1 Apply mathematical computations related to healthcare procedures	
Three Strategic Thinking	HS2 5.2 Analyze diagrams, charts, graphs and tables to interpret healthcare data	