



Health Sciences: The Whole Individual

Course Outline

Course Overview

Will we ever find a cure for cancer? What treatments are best for conditions like diabetes and asthma? How are illnesses like meningitis, tuberculosis, and the measles identified and diagnosed? Health sciences provide the answers to questions such as these. In this course, students will be introduced to the various disciplines within the health sciences, including toxicology, clinical medicine, and biotechnology. They will explore the importance of diagnostics and research in the identification and treatment of diseases. The course presents information and terminology for the health sciences and examines the contributions of different health science areas.

Course Content and Suggested Timelines

The suggested timeline is for students aiming to complete the course in one semester (5 months). Double the timeframes for two semesters (10 months).

Unit 1: The World of Health Sciences

In this unit, you will look at the history of health sciences, examine the different areas of the healthcare system, and the different types of healthcare sites.

Unit 2: Careers in Health Science

We will discuss the different levels of service in the healthcare field, and learn about different health science professions.

Unit 3: The Life Span

You will learn about human development and the different aspects of it. You will examine some of the physical and cognitive development and changes that occur during each stage of the life span.

Unit 4: Technical Skills

Discussion of vital signs and how they are measured, along with the steps in performing CPR, and some common first aid practices.

Unit 5: Health and Wellness

You will examine the different dimensions of health, preventative medicine, and some alternative and complementary medical practices.

Unit 6: Leadership and Teamwork

You will learn about theories of leadership and leadership styles, along with characteristics that leaders often have. Different conflict styles and approaches to conflict resolution will be considered.

Unit 7: Health Communication

Discussion of some of the characteristics of health communication, and some barriers to effective communication. You will learn about active listening techniques and aspects of body language in healthcare settings.

Unit 8: Ethics and Legal Issues

Medical legal terms are covered, and the legal responsibilities of health science professionals. Consideration to how medical ethics affect the health sciences is covered.

Unit 9: Safety

You will learn about bloodborne pathogens and how the risk of exposure can be reduced. Actions that a healthcare professional should take if a fire breaks out is covered along with how ergonomics help reduce the risk of pain and injuries for healthcare workers. Stress and how stress can be reduced for healthcare professionals is also looked at.

Unit 10: Informatics and Technology

You will examine advantages and disadvantages of electronic data records, ways that technology is affecting health communication, and how intercultural differences can affect health communication.

Course Materials

All resources are built into the course. This includes readings, podcasts, and videos.

Assessment Information

Each unit is weighted at 8% (ten units= 80% overall). The two midterms are worth 10% each (20% overall)

When students are not meeting the learning outcomes/falling behind

When students fall behind the expected pace or plan, they will be contacted via email or phone and if there is no improvement or response, parents will also be contacted. If deemed necessary, contact with the student's home school may also occur to help determine a solution.

Students are expected to let the course teacher know when they are struggling with course content. In response, the course teacher will provide appropriate help or strategies to support learning. The course teacher will also provide feedback on course work to support learning and help students improve. Parents will be made aware if their child is actively working but struggling to meet the learning outcomes of the course.

Students falling behind in a manner where it does not appear that they will complete the course within a year will be sent reminder emails. Without a response or renewed efforts in the course, the student may be assigned an F or withdrawn. Should they begin actively working in the course, the student may be given an alternate completion date.

Expectations

- Adhere to the EBUS Academic Integrity Policy
- Contact your teacher when help is needed
- Review feedback from assignments and tests, where applicable
- Work to complete the course in a timely manner
- Communicate respectfully
- Review weekly progress reports

Reporting to Parents:

There are 4 term report cards that can be downloaded from the student dashboard. A notice will go out when these report cards are available.

Every week that EBUS is in Session the teacher will send out a progress report showing the student's progress.

Contacting Your Teacher:

Your teacher will be available Monday-Friday during regular school hours. If you are having trouble with any concepts, please contact your teacher right away!

Your teacher for this course is Lisa Zukewich
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