

How to Use HealthCenter21 in High School Health Science Courses



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Introduction

When implementing HealthCenter21, you may wonder how you can use the system in your high school program without repeating information from one course to another.

This guide will help you utilize HealthCenter21 across your high school health science program, according to an example course sequence:

1. Health Science Foundations
2. Health Science Anatomy and Physiology

This example sequence is based on how districts with well-established health science programs use the curriculum.

On the following pages, you'll find recommendations on which modules you should use according to this example sequence.

You'll also see best practices for using HealthCenter21 in those courses and examples of success stories from teachers like you.

If your course sequence differs significantly from what is listed, speak with your account manager to discuss what will work best for your program.



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Best Practices for Using HealthCenter21 in High School

High school health science programs are designed to prepare students for their first careers in the healthcare industry.

To accomplish this, high school courses have two main focuses:

- Teaching foundational concepts and skills
- Preparing students for certification

The example courses on the following pages highlight skills and concepts any healthcare professional needs to know.

Because these skills and concepts are so important to your students' success in the field, ensuring long-term information retention is critical.

With HealthCenter21, leveraging the [four-phase course framework](#)

1. **Explore:** Teacher-led activities designed to hook student interest
2. **Learn & Practice:** Student-directed eLearning lessons to learn new concepts and practice skills
3. **Reflect:** Teacher-led activities designed to review and discuss key ideas
4. **Reinforce:** Student-directed projects to enhance understanding

Following these four phases is the best way to improve your students' understanding and retention of key information.

If you are preparing students for certifications, review the guides here for additional guidance: www.aeseducation.com/learning-center



4. Health Science Foundations

For a high school Health Science Foundations course, we recommend the following curriculum:

Healthcare Systems (12 hours): An overview of the history of healthcare, healthcare delivery systems, trends, technology, and healthcare economics.

Medical Terminology (8 hours): Students learn about the language of healthcare workers and learn to form and interpret medical terms.

Emergency Care (12 hours): An overview of emergency care where students learn to assess and react appropriately to a variety of situations.

Personal Qualities (12 hours): An overview of the expected personal characteristics of successful healthcare workers.

Anatomy and Physiology (19 hours): An overview of the 12 body systems and how they work together.

Human Growth and Development (13 hours): An overview of how people grow, develop, and age throughout the life span.

Behavioral Health (under development): Students gain knowledge and understanding of various behavioral health issues and how to handle patients in the healthcare workforce.

Domestic Violence (4 hours): Students will learn to handle encounters with victims of domestic violence. This module meets the 2-hour course requirement for domestic violence education.

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Health Science Foundations

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Cultural, Social, and Ethnic Diversity (*8 hours*): Students learn the importance of understanding diversity and providing respectful, empathetic treatment for all patients.

Job Seeking Skills (*9 hours*): An overview of tasks involved in finding, getting, and resigning from a job.

Health Information Technology (*6 hours*): An introduction to information technology in the healthcare industry and EHR systems. Used as a refresher in this course to prepare students to work within the EHR simulation.

Electronic Health Records Simulation (*under development*): A simulated EHR system designed to walk students through scenarios they will encounter in the healthcare workplace. These include adding new patients, scheduling appointments, and following appropriate documentation workflows.



5. Health Science

Anatomy and Physiology

HealthCenter21 is a great supplement to use alongside other materials in your high school Health Science Anatomy and Physiology course.

To use HealthCenter21 in this course, we recommend the following:

Medical Terminology (8 hours): Students learn about the language of healthcare workers and learn to form and interpret medical terms.

Anatomy and Physiology (19 hours): An overview of the 12 body systems and how they work together. Use this module as a review of what was previously learned before teaching more in-depth content.

Diseases and Disorders (6 hours): An overview of various diseases and disorders, explaining the definition, etiology, pathology, presentation, diagnosis, treatment, and prognosis.

Daily Quiz Challenge: A 10-question, non-graded review challenge each day when your students log in. The questions include topics found within the Medical Terminology and Anatomy and Physiology modules that students often need more practice with.

For additional guidance, read this article: [How to Use HealthCenter21 in an Anatomy and Physiology Course](#)



Success Stories of High School Teachers Like You



You're not the first high school health science teacher looking to use HealthCenter21 to improve their program.

High school teachers across the country use HealthCenter21 to save time, keep students engaged, and prepare students for industry certifications.

[Discover How High School Teachers Succeed with HealthCenter21](#)

