

Bridge to Careers in Health Science

Course Overview

The health science industry employs millions of people and is continually seeking high-skilled workers. The Workforce Access *Bridge to Careers in Health Science* online course is aimed at helping learners develop an understanding of the industry-specific competencies needed for careers in health science, and to build the academic and workplace skills needed for success in postsecondary or career training. Students are introduced to different jobs in the four sectors of the health science industry:

- Diagnostic
- Therapeutic
- Support
- Health Informatics
- Biotechnology Research and Development

Learning Outcomes

While taking this course, students will learn to:

- Explain the health care delivery system: what it is, how it is influenced, and who pays for it
- Explain the impact of emerging technology in health care
- Discuss the purpose of accurately recording and documenting vitals and procedures
- Identify behaviors that promote health and wellness such as strategies for the prevention of diseases and injuries, alternative health practices, and how to maintain the essentials of good nutrition and healthful eating
- Identify the structure and function of the body systems, including the pathology, prevention, diagnosis, and treatment of common disease and disorders of each system
- Describe emergency preparedness procedures and explain first aid skills needed for medical emergencies
- Identify and explain the methods of controlling the growth and spread of microorganisms
- Apply conversions to measurements in health care
- Differentiate between ethical and legal issues in health care
- Understand ethnic and cultural values as they impact health care
- Analyze legal responsibilities related to a health care workplace: apply standards for the Health Insurance Portability and Accountability Act (HIPAA), describe patients' rights and responsibilities, including advanced directives, and identify different types of abuse seen in a health care environment
- Develop reading for information, locating information, and applied mathematics skills contextualized to the health science industry

Modes of Course Delivery

The *Bridge to Careers in Health Science* course can be used as a core curriculum or as a supplement to enhance regular instruction. Because of this flexibility, the course can be delivered in a self-paced or a customized mode. Custom mode allows instructors to assign individual lessons and assessments and set the pace for the course.

Pacing and Course Duration

Sample 10-week and 12-week pacing guides are provided in the Teacher Planning Guide. The pacing guides can be used as-is or adapted to account for shorter or longer terms to suit individual needs. Each of the lessons requires approximately 40-50 minutes of study. Additional academic skill support lessons, discussion prompts, and writing activities can be used to enhance students' learning.

Assessments and Reporting

Assessments for the course include interactive formative assessments within each lesson, as well as scored pretests and posttests for each lesson. Teachers and students can generate reports to show progress and mastery of industry and academic knowledge of skills.

How to Access Workforce Access *Bridge to Careers in Health Science*

When you order *Bridge to Careers in Health Science*, you will access everything you need in the ConnectED Learning Management System, including the core lessons, academic skill support lessons, teacher planning guide, lesson plans, and other useful resources. For more information on this or other *Workforce Access* courses, please go to

www.workforceaccess.com.

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