

# Careers in Allied Health

## Course Overview and Syllabus

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**Grade level:** 9–12

**Prerequisite Courses:** None

**Credits:** 0.5

### Course Description

Careers in Allied Health is a semester-long course that focuses on select allied health careers, studying a variety of different levels, responsibilities, settings, education needs and amounts of patient contact. The course includes an overview of the degree or training needed for each job, the environment one would work in, how much money the position could make, and the facts of the actual working day. Within each job type, students explore important aspects applicable to the entire field of allied health, such as behaving ethically, working as a team, keeping patients safe and free from infections and germs, honoring diverse needs of diverse patients, and following laws and policies.

### Course Objectives

Throughout the course, you will meet the following goals:

- Explore allied health careers, the industry, and the roles that professionals play
- Define safety, ethics, diversity, law, and other essential knowledge in the healthcare field
- Examine careers related to trauma and the emergency room
- Cover the career of a medical illustrator and the contribution of visual art to the medical field
- Examine orthotics and prosthetics, and the therapeutic and support aspects of allied careers
- Discuss how art therapy affects emotional health
- Cover the therapeutic work of a respiratory therapist, cystic fibrosis, and lung function
- Examine the diagnostic careers of the sonographer and the radiology technician
- Discuss x-ray radiation and other health threats inherent in the imaging lab
- Focus on the physical manipulation of the body and its importance for disease prevention
- Explore the impact of nutrition and obesity on health and development
- Learn the importance of early diagnosis and treatment
- Learn about administration and information management jobs, and the technological innovations in gathering information and keeping records
- Discuss scientific and research-oriented opportunities
- Examine the field of genetics and how diseases can be shaped by our genes
- Explore medical ethics using real and current situations

## Student Expectations

This course requires the same level of commitment from you as a traditional classroom course. Throughout the course, you are expected to spend approximately 5–7 hours per week online on:

- Interactive lessons that include a mixture of videos, readings, and tasks
- Assignments in which you apply and extend learning in each lesson
- Assessments, including quizzes, tests, and cumulative exams

## Communication

Your teacher will communicate with you regularly through discussions, email, chat, and system announcements. You will also communicate with classmates, either via online tools or face to face, as you collaborate on projects, ask and answer questions in your peer group, and develop your speaking and listening skills.

## Grading Policy

You will be graded on the work you do online and the work you submit electronically to your teacher. The weighting for each category of graded activity is listed below.

Grading Category	Weight
Lesson Quizzes	20%
Unit Tests	20%
Cumulative Exams	20%
Assignments	10%
Projects	30%
Additional	0%

## Scope and Sequence

When you log into Edgenuity, you can view the entire course map—an interactive scope and sequence of all topics you will study. The units of study are summarized below:

- Unit 1:** Introduction to Allied Health Careers
- Unit 2:** Art and Technology
- Unit 3:** Exercise Science and Patient Evaluation
- Unit 4:** Health Informatics and Health Administration
- Unit 5:** Counseling, Dietetics and Choosing a Career in Allied Health