

Health Science: Diagnostic Services Pathway

Career Pathway Plan of Study: EKG/ECG Technician

Career Track Description: Due to an aging population and advances in medical technology, we will all utilize more medical tests in the future, making this a high-growth career.

Average Salary
\$55-120K

Education Levels	Grade	Career and Technical Courses for EKG/ECG Technician Pathway	eDL Course Recommended Elective Options	eDL Course Options For English, Science and Social Studies
Secondary	9	<ul style="list-style-type: none"> Health Science Foundations 1a Health Science Foundations 1b 	<ul style="list-style-type: none"> Workplace and Internship Readiness Introduction to Sociology Sociology: Your Social Life 	<ul style="list-style-type: none"> Veterinary Science Great Minds in Science
	10	<ul style="list-style-type: none"> Anatomy and Physiology 1a Anatomy and Physiology 1b <p style="text-align: center;">OR</p> <ul style="list-style-type: none"> Medical Terminology 1a Medical Terminology 1b 	<ul style="list-style-type: none"> Personal Psychology: The Road to Self-Discovery Personal Psychology: Living in a Complex World Public Speaking 1a: Introduction Public Speaking 1b: Finding Your Voice Microsoft Word Microsoft Excel 	<ul style="list-style-type: none"> Health Science: Public Health Reading & Writing for Purpose Human Geography: Our Global Identity World Religions
	11	<ul style="list-style-type: none"> Medical Diagnostic Tech 1a Medical Diagnostic Tech 1b 	<ul style="list-style-type: none"> American Sign Language 1a: Introduction American Sign Language 1b: Learn to Sign American Sign Language 2a: Communicating American Sign Language 2b: Advancing Communication Skills 	<ul style="list-style-type: none"> African American History History of the Holocaust
	12	<ul style="list-style-type: none"> EKG Technician 1a EKG Technician 1b (Available Summer 2021) <p><small>*Courses with an "a" and "b" version are each a semester in length and taught together over the course of one year.</small></p>	<ul style="list-style-type: none"> Health Sciences: The Whole Individual Nutrition & Wellness Personal Fitness <p><small>*All courses listed above are options appropriate for grades 9-12</small></p>	<p><small>*All courses listed above are options appropriate for grades 9-12</small></p>

*Additional options available 2022: Health Science Theory, Medical Microbiology, and Pathophysiology

Middle School Course Recommendation: Career Explorations 1 & 2 | Middle School Exploring Health



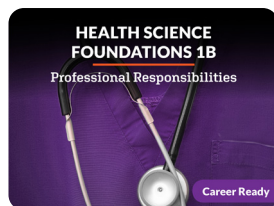
Industry Certifications [LEARN MORE >](#)

- NHSA (mid pathway certification)
- National Certified ECG Technician (NCET ECG)
- National Healthcareer Association Certified EKG Technician (NHA CET)
- NOCTI Diagnostic Services (Pathway Assessment)

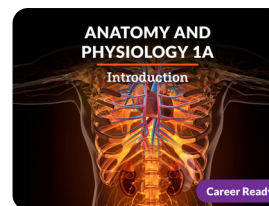
Course Descriptions



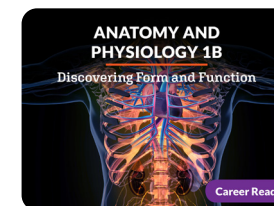
Health science careers are not only in high demand, but they offer a diverse range of careers for all types of people interested in helping others. [LEARN MORE >](#)



Making sure that you, your patients, and your colleagues stay safe, you'll begin analyzing your responsibilities for ensuring patient and personal safety with special attention paid to emergency procedures. [LEARN MORE >](#)



Whether you plan on pursuing a career in health sciences or simply looking to gain an understanding of how the human body works, you'll first need to understand the relationship between anatomy and physiology. [LEARN MORE >](#)



Examine the form and function of even more body systems. Learn about the structure, function, and interrelation between the lymphatic, immune, respiratory, digestive, urinary, and endocrine systems. [LEARN MORE >](#)



Learning the language is essential for careers in health science. Join word parts to form medical terms, associations within body systems, and better communicate with colleagues and patients. [LEARN MORE >](#)



Discover the medical terminology associated with even more body systems to increase your ability to master prefixes, suffixes, and roots. [LEARN MORE >](#)



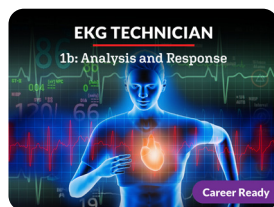
Have you ever wondered how a health professional knows how to diagnose an illness? Or what medications to prescribe to a patient depending on the person's body and their signs and symptoms? [LEARN MORE >](#)



Our bodies are complex, and when we start feeling ill, a doctor or specialist must analyze and diagnose what could be wrong. [LEARN MORE >](#)



Our hearts are essential to our survival. And EKG technicians play an important role in administering tests and evaluating data given by the electrocardiogram (EKG) to treat patients effectively. [LEARN MORE >](#)



Course Available Summer 2021
[LEARN MORE >](#)



Discover how to build a well-rounded set of employability and leadership skills that allow you to guide your own career and nail your interviews. [LEARN MORE >](#)