



# monarch

2018 - 2019 Curriculum Catalog  
Career and Technical Education Series  
Careers in Allied Health

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## Careers in Allied Health Course Overview

As a Christian, it is important to do your best in whatever career path you choose. Your desire should be to help others achieve and maintain a healthy lifestyle. A career in allied health provides you the opportunity to meet the physical needs of many people. What is allied health in relation to the healthcare industry?

Allied health is the term for the area of healthcare (and health care professions) that provide support and care services other than specific doctoring and nurse care. At times, the line between allied health and "non-allied health" may seem to be separated by level of degree/education, although this is not always true.

Allied health career paths can be divided into general roles like diagnostic (testing to see what is wrong), technical (taking care of technology aspects), therapeutic (moving the patient toward healing) and direct patient care (caring for the patient in other ways), although there is some overlap in a few roles. There are a few hundred potential jobs and dozens of potential settings that one could work in.

The career field is important for several reasons. First, the care and support that allied health professionals provide is integral to the health care system. In addition it is estimated that these professionals make up more than half of the entire health care field. This representation within the industry shows how very important the various roles are.

In this course, we will focus on select allied health careers, studying a variety of different levels, responsibilities, settings, education needs and amounts of patient contact. We will look at things like 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.

Then, within each job group, we will explore important aspects that are 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.

The last unit will then include several activities that allow the student to seriously engage with their career exploration and selection.

### Objectives

- Learn about allied health careers, academic preparation, lifestyle, skills needed, licensing and credentialing, employment potential, and continuing education.
- Explore ethical and legal challenges in the healthcare field.
- Understand the role of allied health care professionals in the overall health care environment and the importance of teamwork in patient care.
- Examine the importance of cultural, social, and ethnic diversity in the healthcare workforce and environment.
- Learn legal/regulatory guidelines addressing patient and medical information and understand the issues related to confidentiality.
- Learn about safety measures and regulatory requirements.

Since this course leans heavily on reporting and research, students should already know how to choose appropriate resources (especially online), and how to properly cite those resources.

Unit 1: Introduction to Allied Health Careers		
Assignments		
Careers in Allied Health	1. Course Overview	9. Project: Medical Ethics and the Christian
	2. What is Allied Health?	10. Surgical Technologists
	3. Project: Educational Pathway (education, testing, and credentials)	11. Perfusionist
	4. Exploring the Allied Health Competency Model	12. Project: Exploring Allied Health Careers
	5. Project: Evaluating Your Competencies in Light of Scripture	13. Quiz: First Responders and Emergency Personnel
	6. Who's the Hero? An Allied Health Story	14. Special Project*
	7. Quiz: Introduction	15. Test
	8. First Responders: EMT/Paramedic	16. Course Project Part 1: Establishing Your Blog*
	17. Glossary and Credits	

Unit 2: Art and Technology		
Assignments		
Careers in Allied Health	1. Medical Arts and Special Skills: Medical Illustrator	9. Project: Caring for Others
	2. Project: Medical Illustration/Emergency Medicine Career Comparison	10. Therapists and Technologists: Polysomnographic Technologists and Sleep Apnea
	3. Medical Arts and Special Skills: Orthotists and Prosthetists	11. Project: Polysomnographic Technologist (PT) Scenario
	4. Project: Orthotics and Prosthetics	12. Quiz: Therapists and Technologists
	5. Medical Arts and Special Skills: Art Therapist	13. Special Project*
	6. Quiz: Medical Arts and Special Skills	14. Test
	7. Therapists and Technologists: Respiratory Therapists and Cystic Fibrosis	15. Course Project Part 2: Situs Inversus*
	8. Therapists and Technologists: Radiologic Technologist and Situs Inversus	16. Glossary and Credits

Unit 3: Exercise Science and Patient Evaluation		
Assignments		
Careers in Allied Health	1. Exercise as Medicine and the Exercise Physiologist	10. Project: Epilepsy Research Paper
	2. Project: Day in the Life	11. Cardiovascular Technologist
	3. Kinesiotherapy and the U.S. Veteran returning from Afghanistan	12. Quiz: Evaluating the Patient
	4. Project: Compassion Ministries	13. Special Project*
	5. Fitness Instructor and the New Year's Resolution	14. Test
	6. Quiz: Exercise Science	15. Course Project Part 3: Blogging about an Echocardiogram*
	7. Audiologists and Hearing Loss	16. Glossary and Credits
	8. Project: The Hip Hop Mogul	
	9. Electro-Neurodiagnostic (END) Technologist and the Nervous System	

Unit 4: Health Informatics and Health Administration		
Assignments		
Careers in Allied Health	1. Health Informatics, Data Acquisition, and Medical Coding	10. Applications, Activities and Case Studies in Hospital and Healthcare Management
	2. Project: Medical Coding Ethics	11. Project: Support for Christian Healthcare Professionals
	3. Dental Informatics	12. Quiz: Hospital Administrator/Health Care Management
	4. Telemedicine and Mobile Computing Informatics	13. Special Project*
	5. Project: Online Symptom Analysis	14. Test
	6. Quiz: Health Informatics and Medical Coding	15. Course Project Part 4: Blogging on Medical Ethics*
	7. Introduction to Healthcare Management	16. Glossary and Credits
	8. Introduction to the Hospital Administrator Role	
	9. Project: Creating an Organizational Chart	

Unit 5: Counseling, Dietetics and Choosing a Career in Allied Health		
Assignments		
Careers in Allied Health	1. Genetic Counseling    An Introduction to the Career	9. Diet and the Body
	2. Bioinformatics and the Human Genome	10. Project: Stewardship and You
	3. Project: Mapping Genes	11. Career Exploration Activities
	4. Prenatal Counseling and Anomalies, Choice, Ethics, Science	12. Project: The Case Study
	5. Project: The Sanctity of Life	13. Quiz: Dietetics and Nutrition
	6. Quiz: Genetic Counseling	14. Special Project*
	7. Dietetics and Nutrition: An Introduction to the Career	15. Test
	8. Project: The Debate Between the Nutritionist and Dietician	16. Course Project Part 5: Personal Trainer and Dietician Consulting*
		17. Glossary and Credits

Unit 6: Course Project, Review, and Exam		
Assignments		
CAH	1. Course Project Part 6: Final Blogging Project*	3. Exam
	2. Review	

(\*) Indicates alternative assignment