

# *Welcome To Health Fitness and Bio - Medical Classes*

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*room #207*

*Period 1. Nutrition for Health Care/Health and Fitness  
Management*

*Period 2 Health Information Tech*

*Period 3. Emergency Medicine*

*Period 4. Sports Therapy Aid*

*Welcome to Health Fitness and Bio-Medical classes. The classes are a part of ROP Career Technical Education. They fulfill your child's elective requirements for graduation and 1<sup>st</sup> and 4<sup>th</sup> period fulfills the G requirement for A-G Graduation Standards. These classes are designed to enlighten and educate the students on a possible career in any of the allied Health fields. Your child is learning about medical vocabulary, career skills, anatomy and physiology, job skills, college preparation and much more. We will also be learning all kinds of hands on activities and therapies used in the Health and Wellness world.*

# HEALTH SCIENCE AND MEDICAL TECHNOLOGY INDUSTRY SECTOR

Health care is one of the fastest-growing career sectors. The Health Science and Medical Technology Industry Sector requires academic and technical skills, as well as the related knowledge necessary for the field. These careers range from entry level to management, including technical and professional specialties. Workers in this field need the knowledge and ability to contribute to the delivery of safe and effective health care. Nearly half of the careers in this area require professional level preparation. Students commonly need the academic background required for entry into postsecondary education. Specific skill sets needed usually include chemistry, physics, math, and biology, plus communication, problem solving, and critical thinking skills. Many careers require state certification or credentials

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## **Biotechnology Research and Development Pathway**

Want to search for new answers and develop medical breakthroughs? The Biotechnology Research and Development Pathway includes occupations that use biological science to research and develop applications used to benefit human health.

### **CAREERS:**

Bio Chemist \* Bio Tech Assistant \* Biotech Technician \* Biomedical Tech \* Bio Tech Scientist \* Quality Control \* Clinical Researcher

## **Diagnostic Services Pathway**

If you like to help solve medical problems, the Diagnostic Services Pathway may be for you. Analyzing the cause or nature of a person's condition by creating a picture of their health status at a single point in time is the basis of the work performed in diagnostic services.

### **CAREERS:**

Medical Laboratory Aide \* Transporter \* Radiology Tech \* Geneticist

### **Health Informatics Pathway**

Computer utilization is very fascinating to many people. If you think operating a computer as your primary work focus sounds intriguing, the Health Informatics Pathway may be right for you. Health informatics involves distribution of patient health data organized via the computer. As software continues to be developed, the health informatics job opportunities will continue to grow.

#### **CAREERS:**

Medical Records Clerk \* Health Educator \* Health Unit Coordinator \* Medical Coder \* Medical Librarian \* Telehealth Tech \* Medical Records Tech \* Medical/Hospital Receptionist \* Health services Administrator \* Nursing Administrator Medical Transcriptionist

### **Therapeutic Services Pathway**

Want to assist patients in overcoming disease, illness, or injury? Occupations that affect the ongoing treatment and rehabilitation of patients are part of the Therapeutic Services Pathway, which includes an extensive list of entry through professional level career options.

#### **CAREERS:**

PT Aid \* Medical Assistant \* Exercise Physiologist \* P.A. \* Emergency Medical Responder \* LVN \* Pharmacy Tech \* Physical Therapist \* CAN \* Dental Hygienist \* Dentist \* Respiratory Therapy Aide

### **Support Services Pathway**

The Support Services Pathway provides an opportunity to work directly or indirectly with patients, their environment, and their material needs.

#### **CAREERS:**

Industrial Hygienist \* Health Education Teacher \* Mortician \* Environmental Services \* Central Supply Tech \* Nursing Home Administrator