



Course Description

Exploring Health Sciences is a one credit course that introduces the student to all health care careers and develops basic skills common to all health and medical sciences. It is recommended as the first course for other health and medical sciences courses. Exploring Health Sciences focuses on exploring all health occupations, communication skills, safety, first aid, and CPR. (This one credit course is part one of the two credit course formerly known as Medical Health Technologies 1)

Curriculum

- CPR and First Aid Certification
- Characteristics of the Health Care Worker
- Controlling Infection
- Health Care Issues
- Legal and Ethical Issues
- Health Care Specialties and Educational Requirements
- Health Care Systems
- Health Regulatory Boards
- Medical Math
- Safety
- Vital Signs

Prerequisites

- None

Corequisites

- *Exploring the Language of Medicine* is strongly recommended.

Certifications

- Cardiopulmonary Resuscitation (CPR) Health Care Provider Certification
- First Aid accredited by the American Heart Association

Field Trips

Students may visit a variety of local health care agencies for observational experiences.

Colleges/Universities

Students completing Exploring Health Sciences may pursue more specific career pathways in high school such as emergency medical technician, dental careers, medical assisting, practical nursing, pharmacy technician, physical/occupational therapy, and sports medicine. Graduates may continue their studies at a wide variety of schools including:

- George Mason University
- George Washington University
- James Madison University
- Longwood University
- Lord Fairfax Community College
- Lynchburg College
- Marymount University
- Northern Virginia Community College
- Shenandoah University
- University of Virginia
- Virginia Commonwealth University
- West Virginia University

Careers

Exploring Health Sciences may lead to these careers:

- Athletic Trainer
- Dental Hygienist
- Dentist
- Emergency Medical Technician/Paramedic
- Medical Assistant
- Nurse/ RN, LPN
- Pharmacist
- Pharmacy Technician
- Physician
- Physician's Assistant
- Physical Therapist/Occupation Therapist
- Radiology Technician
- Respiratory Therapist
- Speech Therapist
- X-Ray Technician

For more information:

Falls Church High School Academy
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<http://www.fcps.edu/FallsChurchHS/academy/>