

**EXPLORING HEALTH SCIENCES
(830226)**

GRADES: 10, 11, 12

Credits: 1

This course introduces the student to all health care careers and develops basic skills common to all health and medical sciences. It is recommended for other health and medical Sciences courses.

This course focuses on exploring all health occupations, communication skills, safety, first aid and CPR.



**EXPLORING THE LANGUAGE
OF MEDICINE
(838326)**

GRADES: 10, 11, 12

Credits: 1

This course is designed to help students learn health care language. It is presented in logical order, beginning with each body system's anatomy and physiology and progresses through pathology, diagnostic procedures, therapeutic interventions, and pharmacology. Concepts, terms and abbreviations are also presented to the students.

**ADVANCED HEALTH SCIENCES
(834527)**

GRADES: 11, 12

Credits: 2

This course allows students to develop entry level skills and knowledge to prepare them to enter the health care field. The focus of this course is clinical and administrative medical assisting. Job shadowing in physician offices and field trips to a variety of health care facilities may be available.

**ANIMAL SCIENCE 1
(831027)**

GRADES: 10-12

Credits: 2

This course is designed for students interested in a career in the animal health care field. Core curriculum includes animal anatomy, animal behavior, handling techniques, nutrition, disease pathology, sanitation, and disease control. Students gain "hands-on" experience working with animals.



**ANIMAL SCIENCE 2
(831127)**

GRADES: 11-12

Credits: 2

Course content progresses from Animal Science 1 and includes the information and skill training necessary for a variety of employment opportunities in the animal care field. Students continue to work with laboratory animals and have opportunities to observe or participate at selected animal care facilities.

**DENTAL CAREERS 1
(832827)**

GRADES: 11-12

Credits: 2

Dental Careers 1 is the first-level course of a two-year dental assisting program. The course content focuses on the theoretical foundation of dentistry. In addition, students learn the basic technical skills necessary to perform as a dental assistant in operative, non-operative, and diagnostic procedures. Students will practice skills in a simulated dental facility.

**DENTAL CAREERS 2
(832927)**

GRADE: 12

Credits: 2

The focus for the second-level dental course is the dental fields of endodontics, oral surgery, oral pathology, orthodontics, periodontics, prosthodontics, and radiology. Students continue attainment of skill competency while enhancing their knowledge of dental practices and procedures. Dental Careers 2 affords students the opportunity to observe and/or participate in patient care at local dental offices.



**PHYSICAL THERAPY/
OCCUPATIONAL THERAPY 1
(836527)**

GRADES: 11-12

Credits: 2

Occupational and physical therapy students will explore the principles and practices of therapists in the health care industry. Technical skills in the areas of physical therapy and occupational therapy will enable students to gain experience in rehabilitative care.



**PHYSICAL THERAPY/
OCCUPATIONAL THERAPY 2
(836627)**

GRADE: 12

Credits: 2

Students will have a more in-depth study of topics covered in the first level course and will participate in

an internship experience. Students enrolled are prepared to work as a rehabilitation technician or may pursue higher education and major in a variety of fields such as physical or occupational therapy, biology, physiology, or sports medicine.

FIRE & EMERGENCY MEDICAL SCIENCES (833326/ 833426)

GRADES: 11- 12
Credits: 2



The principles and practices of emergency response and firefighting will be explored via classroom, laboratory, and faculty supervised clinical settings. Off-site clinical experiences at NVCC-MEC and Fairfax County Fire & Rescue Academy will be made available. Students have the opportunity to earn five industry certifications.

PHARMACY TECHNICIAN (830527)

GRADES: 11-12
Credits: 2



Both classroom and clinical experiences will help prepare the student to earn certification as a pharmacy technician as well as introduce students to the larger arena of pharmacy careers.

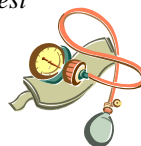
No student, employee, or applicant for employment in FCPS shall, on the basis of race, color, sex, religion, national origin, age (under certain circumstances), marital status, or disability, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any education program or activity.

Correspondence may be addressed to the above offices and sent to 10700 Page Avenue, Fairfax, VA 22030.

PRACTICAL NURSING 1&2 (835726 / 835826)

GRADE: 12
Credits: 2

Practical Nursing is a two-year program which begins in the senior year of high school. Anatomy and physiology, pharmacology, nursing foundations, and basic skills are studied via classroom, lab, and clinical experiences. Students who complete the additional clinical requirements are eligible to take the Certified Nursing Assistant (CNA) test upon completion of the first year.



PRACTICAL NURSING (Post High School)

This all-day program builds on the curriculum of the first level course with extensive clinical experiences. This post high school level course is a full-time, nine-month program. Program completion prepares the graduate for state licensure and employment as a licensed practical nurse.

Health and Medical Sciences **Office of Career and Technical Education**

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FAIRFAX COUNTY PUBLIC SCHOOLS

INSTRUCTIONAL SERVICES **DEPARTMENT**



HEALTH AND **MEDICAL SCIENCES**

“Explore the Health Field
to Find the Career
That is Right for You!”

