

Career Centers and Health Care Programs in the Champlain Valley (Addison, Chittenden, Franklin & Grand Isle counties)

Focus on Health Careers Conference

(Addison, Chittenden, Franklin, and Grand Isle Counties)

www.cvahec.org

For Grades: 9 10 11 12

Description: In partnership with the UVM College of Medicine Office of Primary Care and AHEC Program, this one-day conference held on the UVM College of Medicine Medical Education Center is for students interested in learning more about health careers. During this conference students will take a look at community-based settings and the health care professionals practicing in them. College students in a health care program will join the participants at lunchtime for small group discussions about careers of interest. Students will also attend workshops relating to making the best of their high school years and college planning.

Champlain Valley AHEC Health Careers Exploration Shadow Day Program

(Addison, Chittenden, Franklin, and Grand Isle Counties)

www.cvahec.org

For Grades: 10 11 12

Description: A one-day health careers exploration program for area high school students to explore the health care field through workshops, one job shadow, and presentations about college and career planning. A Shadow Day Program is held once per year at each of the local hospitals: Porter Medical Center, Middlebury, VT, for Addison County students, Northwestern Medical Center, St. Albans, VT for Franklin and Grand Isle County and Milton High School students, and Fletcher Allen Health Care, Burlington, VT for Chittenden County students.

Champlain Valley AHEC Health Careers Exploration MedQuest (Burlington, VT)

(Addison, Chittenden, Franklin, and Grand Isle Counties)

www.cvahec.org

For Grades: 10 11

Description: An intensive, residential (five night) Health Careers Exploration program held on the UVM college campus in Burlington, VT, with career exploration opportunities for students interested in gaining more knowledge of the health care field through job shadows, workshops, CPR certification, interactions with medical students and health care professional, and much more.

Linking Learning to Life Programs in Chittenden County

www.linkinglearningtolife.org

For Grades: No Grade Requirement

Description: Various educational and employment opportunities for students including community-based learning, supported job placement, classroom presentations by local employers, mentoring and the opportunity to take college courses during high school.

Learn to Earn in Franklin County

Contact: Marilyn Savoy, (802) 527-6513

For Grades: 9 10 11 12

Description: Presentations done in high school classes by a local employer using hands-on activities to educate students about careers that are related to math, science, and technology. These jobs also use high levels of skill and are well paying jobs.

Franklin County TIPS (Training Interns and Partnering for Success)

Contact: Kathy Lavoie, Internship Coordinator, (802) 782-1924

For Grades: 12 and CCV students ages 18-23

Description: An internship program for high school seniors and CCV students planning on work after high school. Program includes employment readiness skills, tours and employer visits. Students are placed in 40 hour unpaid internships at employers in their field of interest with hopes of paid employment to follow the internship. The program is open to high school seniors and CCV students, ages 18-23. For more information, contact your high school guidance counselor or the Internship Coordinator, Kathy Lavoie, at 782-1924.

Cold Hollow Career Center, Enosburg Falls, VT

Allied Health Program

<http://enosburgk12.net/>

For Grades: 11 12

Description: The Allied Health Sciences Program is a two-year college preparatory program offered to Juniors and Seniors at the Cold Hollow Career Center. The curriculum is rigorous and covers infection control, confidentiality, ethics, medical terminology, human body systems, symptoms of disease and treatment approaches. Also covered are nutrition, Wellness and professional development. Prerequisite for entry is successful completion of a college prep Biology Course.

Students are expected to complete the 17 competencies dictated by the State of Vermont and aligned with the Vermont Framework of Standards and National Health Care Foundation Standards. LNA certification may be available.

Northwest Technical Center, St. Albans, VT

Medical Professions Program

www.nwtconline.org

For Grades: 10 11 12 Adults

Description: This upper level program is designed for students who are planning to attend college or other medical training programs and pursue careers in medicine, nursing, physical therapy, radiologic imaging, laboratory technology, dental hygiene, veterinary technology, or sports medicine. Students in the first year of this class will earn one credit in Anatomy & Physiology. Additionally, students may earn 10 transcribed college credits. Students will explore the symptoms of disease and wellness that may occur in the human body during a person's life. These students will also have field placements in actual medical settings to help them apply their academic learning to real life situations. Students will participate in group activities designed to promote

individual growth and the development of leadership skills. Second year students will focus on Medical Terminology. If you like working with people and you enjoy science and medical technology, consider this program. Students may earn their First Aid, CPR, and LNA certifications.

Northwest Technical Center
Emergency & Fire Services Program
www.nwtconline.org

For Grades: 10 11 12

Description: Emergency and Fire Services is an introductory program offered to 10th, 11th and 12th graders emphasizing the basic instruction required for entry-level work or post-secondary training in the fields of Emergency Medical Services and Fire Science. The course meets the Vermont State Fire Fighters I, First Responder, and Emergency Medical Technician-Basic certification requirements. Topics to be covered include fire behavior, search and rescue, incident control, equipment, and emergency medical procedures. Students will be able to visit and train at area emergency service providers and area fire stations.

Center for Technology, Essex (CTE)
Ophthalmic Medical Assisting Program
www.go-cte.org

Grades: 11 12 Adults

Description: Ophthalmic Medical Assisting is a nationally accredited training program, accredited by the Committee on Accreditation for Ophthalmic Medical Personnel in 2008. CTE, in partnership with community ophthalmologists, offers an exciting program in Ophthalmic Medical Assisting (OMA). Ophthalmic Medical Assisting is a highly professional career for students strong in the areas of math and science. The program will train high school juniors and seniors and adults to work under the supervision of an ophthalmologist to perform ophthalmic clinical duties such as: taking patient histories, providing patient services, taking eye measurements, administering tests and evaluations, and assisting in surgery. Qualified students will participate in a program that combines both academic instruction and clinical experience. Following a four month introductory period of intensive lecture and lab skill development, qualified students will be assigned to clinical rotations. In these rotations students will work side by side with physicians and technicians in the clinical setting. National certification can be gained if desired, after completion of 500 clinical hours (3 months full time employment) and successful completion of the class.

Center for Technology, Essex (CTE)
Health Information Management Program
www.go-cte.org

Grades: 11 12 Adults

Description: The Health Informatics curriculum focuses on training for administrative/business positions in a health care setting or as an introduction to clinical professions. The business of health care increasingly relies on the skills of the office manager such as interpersonal, communication and technical skills.

Externships and field placements provide experience and on-the-job-training in health care offices. These practical experiences are vital in developing a sense of realism for the courseware and provide excellent networking opportunities. The Health Informatics teaching staff was nationally certified in coding instruction through the American Academy of Professional Coders in January of 2008.

**Center for Technology, Essex (CTE)
Dental Assistant Program**

www.go-cte.org

Grades: 11 12 Adults

Description: The Dental Assisting Program is accredited by the American Dental Association. This challenging career, demanding versatility and a willingness to assume responsibilities for many diverse tasks, is attractive to students who are strong in science and want to work with people. It includes a variety of learning experiences that incorporate essential worker traits into the curriculum. The curriculum sequence presents theory first then guided practical applications. Externship and field placements provide practical experience and on-the-job-training in dental offices. These practical experiences are vital in developing a sense of initiative and responsibility and are a required component of the curriculum.

**Patricia A. Hannaford Career Center
Health Careers Program**

www.hannafordcareercenter.org

Grades: 11 12

Description: Health Careers Level I and Level II are offered at the Patricia A. Hannaford Career Center. It is open to juniors and seniors who may want to pursue a career path in a health related field. Level I is a pre-requisite for Level II; although senior students can apply to level I. The program is designed to prepare students for further education and/or careers in the health care field. Topics include such things as the diversity of health occupations; basic professional standards in health care; medical terminology, which includes human anatomy and basic physiology; and basic nursing/medical skills. Students take part in a combination of classroom, lab, and clinical work. One goal of the program is to have students able to enter the workforce as a Licensed Nurse Assistant - the LNA training program is offered in Level I. Dual enrollment options are offered in Medical Terminology and Biology with the Community College of Vermont, with the potential of earning 3 credits for each program. Upon successful completion of American Heart Association programs and exam, students may become nationally certified in BLS as a healthcare provider, as well as, certified in First Aid. Students receive their Licensed Nursing Assistant (LNA) certification upon successful completion of LNA program/ exam(s), and the Vermont Board of Nursing approval.

Burlington Technical Center

Medical & Sports Sciences I & II; three units of credit per year (science credit after two years)

<http://www.burlingtontech.info/>

The Medical and Sports Sciences Program is a two-year college preparatory program. The rigorous curriculum prepares students to pursue further education towards a career in either the medical or sports sciences.

The two years of the program correlate with a complete Anatomy and Physiology (A & P) course (i.e. Year I covers A & P I, Year II covers A & P II). As we progress through Anatomy and Physiology we will be covering the associated medical terminology, associated diseases (pathologies) as well as evaluation and treatment procedures

specific to the body system being covered. Students will participate in laboratory experiences including microscopic analysis, dissection, phlebotomy (blood drawing), massage, microbiology and wound care. Students will also be orientated to medical instruments (i.e. reflex hammers, hot and cold packs, blood pressure cuffs, EKG's, and inspirometers,...). Life-like, computerized manikins are used to simulate patients and introduce students to normal and abnormal patient findings. The first year curriculum also includes the study of Human Growth and Development (exploring physical, cognitive and social-emotional development through the life span). Study strategies (including note-taking, textbook reading, studying, test-taking,...) are taught in the early part of the first year and reinforced throughout the duration of the two-year program. Students spend time during the first year program exploring various medical and sports related fields in order to fully understand the details of each of these positions. Students then have the opportunity to observe different medical professionals through clinical observations, in order to identify their own area of interest. In the second year, in addition to the continued study of Anatomy and Physiology, the curriculum also includes an in-depth study of nutrition, including nutritional considerations for the athlete. Students in the second year program are placed in career work experiences in their identified area of interest, allowing them to acquire valuable hands on experience with patients as well as the chance to interact with medical/sports professionals.

Because the instructors of the Medical and Sports Sciences Program are adjunct faculty at local colleges, qualified students may earn up to fourteen transcribed college credits (seven credits in the first year and seven credits in the second year) through dual enrollment programs at Vermont Technical College and the Community College of Vermont. Former students have successfully transferred these credits to the colleges and universities they have attended.

Prerequisite: Biology or Instructor Approval.