

Medical Professions

The Future is Bright in Health Care

Do you want to become a doctor, nurse, physical therapist, or enter one of the hundreds of other careers in the health care field? If yes, then this is the program for you! This program combines theoretical learning with the development of hands-on skills within the medical field. The first year of the program focuses on health career exploration, medical terminology, infection control, medical, legal, and ethical issues, the history and economics of health care, effective communications and client care. Students will also develop a concept of health and wellness from the perspective of a health consumer as well as a potential health professional. A wide range of medical careers will be explored as student's job shadow health care professionals in careers such as: nursing, medicine, dentistry, veterinary medicine, imaging, rehabilitation therapy, laboratory, pharmacy and renal dialysis.

During the second year of the program, students further their multi-occupational knowledge and skills related to a wide variety of health careers. Students will also have the opportunity to explore a few chosen career fields in more depth through co-op experiences. Hands-on experiences provide for continued knowledge and skill development. In addition to previous learning, students will explore anatomy & physiology, pathophysiology, medical math, and mental illness. Second year students also complete the First Responder course. First Responder is the first level of EMT training in the state of Vermont.

Students need to make decisions relating to their future, and this program provides them with valuable information to make a wise choice for their futures. As part of the First Responder curriculum, students will learn CPR and advanced First Aid.

Credits: A maximum of three credits per year

Graduation Requirements:

Science - Completing this two-year program shall receive one Science credit graduation requirement.

Prerequisite: A 10th grade reading level and above a 74 in college prep Biology and Instructor permission

Suggested Preparation: Medical & Human Services Introduction courses and Keyboarding



For students in grades: 11-12

Topics Studied Include:

- Exploration of Health Careers
- Medical Terminology
- Health Care Systems
- Cultural Diversity in Health Care
- Anatomy & Physiology
- Pathophysiology
- Medical/Legal Ethical Issues
- Infection Control
- Nutrition
- Human Growth & Development
- Workplace Safety
- Basic and Advanced First Aid
- CPR
- Effective Communication
- Basic Pharmacology
- Mental Health
- Medical Math



The main goal of SkillsUSA is to provide students who are preparing for a wide variety of careers in trade, technical and skilled service occupations, with professional development opportunities that supplement their academic and technical education. SkillsUSA programs and activities help its 285,000 student members develop public speaking skills, and improve their ability to conduct and participate in meetings, manage financial matters, solve problems, and assume responsibility for community service. Students participate in state leadership conferences and competitions. Each June, students earning first place at the state level in leadership and technical skill competitions, travel to Kansas City, MO, to compete at the national conference.

Medical Professions

Emergency Medicine

Introductory Course

"Help! Help! Help!" Would you know how to respond to this? Take this course to learn the academic and hands-on skills needed for rescue of people in potentially life-threatening situations. Some of the topics covered in this class include: CPR; basic and advanced first aid; basic anatomy and physiology of the cardiac, respiratory, skeletal and neurological systems; rapid assessment of patients; basic medical terminology; primary treatment of trauma; recognition and primary treatment of shock, respiratory failure, heart attack and stroke; and basic pharmacology of rescue medications. In addition to classroom learning and hands-on practice activities, students will hear from guest speakers from the health care field. Students might also have the opportunity to job-shadow paramedics to see how the knowledge they have learned is used to save lives.

For students in grades: 9-12 (10th, then 9th and then 11th grades will get priority)

Scheduling: One semester 50 minute

Credits: 0.5 credits

Semester 1 Students Study:

- Careers & Employment Skills
- Workplace Safety
- Standard Precautions & Aseptic Technique
- Confidentiality
- Professional Code of Ethics
- Medical Terminology
- First Aid/CPR



Mental Illness

Introductory Course

What is normal? We all have our own little quirks that make us uniquely individual, but at what point do we say that someone is mentally ill? This course will study mental illness: risk factors, symptoms, treatment and the impact that mental illness has on society. Students also learn about careers in the mental health field and discuss what it is like to deal with people with mental illness. Class work will include several feature length films, class discussions, individual and group projects.

For students in grades: 9-12 (10th, then 9th and then 11th grades will get priority)

Scheduling: One semester 50 minutes

Credits: 0.5 credits

Semester 2 Students Study:

- Autism
- Depression
- Bi-Polar Disease
- Post-partum Depression
- Multiple Personality Disorder
- Addiction Obsessive-Compulsive Disorder
- Communication Skills
- Neurosis
- Psychosis
- Phobias

Southwest Vermont Career Development Center Schedule FY 2012

SEMESTER ONE						
Block 1 (90 min)	Block 2a	Lunch	Prep	Block 3b	Block 4 (90 min)	
7:50-9:20	9:25-10:20	Prep	Lunch	11:35-12:30	12:35-2:05	
Accounting & Finance 1 & 2	Marketing 2			Business Basics	Marketing 1	
Business Mgt 1 & 2				Culinary Arts Intro		
Culinary Arts 1				Culinary Arts Intro	Culinary Arts 1	
Engineering & Design 2				Computer Aided Design	Engineering & Design 1	
Design & Fabrication 2				Creative Computing	Design & Fabrication 1	
Computer / Networking Academy 1 & 2				Architecture & Construction Auto Maintenance	Artificial Intelligence 1 & 2	
Building Trades 2					Building Trades 1	
Auto Technology 2					Auto Technology 1	
Forestry & Heavy Equipment 2					Forestry & Heavy Equipment 1	
Water & Your Environment				Plants & Flowers	AgroEcology 1 & 2	
Video Productions 1	Video Productions 2					
				Stagecraft	Theater Arts 1 & 2	
	Intro to Print Publishing: Yr Bk				Communications Tech 1 & 2	
Law Enforcement 1					Law Enforcement 2	
Pre-Law 1 & 2				Forensic Investigations	Business & Personal Law	
Cosmetology 1				Cosmet. Intro.		
				Cosmetology 2		
Human Services 2				Emergency Medicine Intro.	Human Services 1	
Medical Professions 2					Medical Professions 1	

SEMESTER TWO						
Block 1 (90 min)	Block 2a	Lunch	Prep	Block 3b	Block 4 (90 min)	
7:50-9:20	9:25-10:20	Prep	Lunch	11:35-12:30	12:35-2:05	
Accounting & Finance 1 & 2	Business Basics					
Marketing 2					Marketing 1	
Business Mgt. 1&2						
Culinary Arts 1	Culinary Arts Intro				Culinary Arts 1	
Engineering & Design 2	Computer Aided Design				Engineering & Design 1	
Design & Fabrication 2					Design & Fabrication 1	
Computer/Networking Academy 1&2	Creative Computing					
					Artificial Intelligence 1 & 2	
Building Trades 2					Building Trades 1	
Auto Technology 2					Auto Technology 1	
Forestry & Heavy Equipment 2					Forestry & Heavy Equipment 1	
Agri Science	Plants & Flowers				AgroEcology 1 & 2	
Video Productions 1 & 2						
					Theater Arts 1 & 2	
					Communications Tech 1 & 2	
Law Enforcement 1	Forensic Investigations				Law Enforcement 2	
Pre-Law 1 & 2					Forensic Investigations Adv.	
Cosmetology 1				Cosmet. Intro.		
				Cosmetology 2		
Human Services 2					Human Services 1	
Medical Professions 2					Medical Professions 1	



Application 2011/2012

LAST NAME: _____ FIRST NAME: _____
 Mailing Address: _____
 Town: _____ State: VT/NY/MA Zip: _____
 Home Phone: _____ Cell Phone: _____
 E-mail: _____

Today's Date: _____
 Date of Birth: _____
 Gender: Male Female
 Current Year in School:
 8th 9th 10th 11th 12th
 Current CDC students put your
 Tech Program's initials here: _____

School Counselor(s) / Contact Person(s)

Arlington Memorial High School Joanna Lederer-Barnes

 Other Advocate: _____
Burr & Burton Academy Phil Anton Maria Bittinger
 Stephanie Fowler Andrea Hogan Melissa Michaud Cristin Rose

 Other Advocate: _____
Mt. Anthony Union High School
 Tonia Bucciero Eric Caron Lisa Harrington-Redding
 Meg Honsinger Dan Lucy Coleen Macksey Nancy Vanderbilt

 Other Advocate: _____
Twin Valley High School Denise Piffard

 Other Advocate: _____
 Other School: _____
 Contact Person: _____ Phone: _____

Tech Programs [Full Year]

(The embedded graduation requirements are listed in parentheses- see Program of Studies for complete information)

- ➔ Mark **2nd & 3rd choices** also in case your **1st** is full.
- Accounting & Finance(cc) (Math, MAU-Tech)
 - Agroecology (Science)
 - Artificial Intelligence(cc) (Math, Sci. & MAU-Tech.)
 - Auto Technology(cc) (Science)
 - Business Management (Math, MAU-Tech)
 - Building Trades (Math)
 - Computer Networking Academy(cc) (Science.)
 - Cosmetology (Science)
 - Culinary Arts (Science)
 - Design & Fabrication (Math, MAU-Tech)
 - Engineering & Design(cc) (Art, MAU-Tech Math,Sci)
 - Forestry & Heavy Equipment(cc) (Science)
 - Human Services(cc) (Social Studies)
 - Law Enforcement(cc) (1 Yr only) (Social Studies)
 - Marketing Education (Math)
 - Medical Professions(cc) (Science)
 - Networking Academy(cc) (Math, Sci. MAU-Tech)
 - Pre-Law(cc) (Social Studies)
 - Theater Arts (Art, English)
 - Video Production(cc) (MAU-Tech)
- Co-op (2nd year students only)

(cc) = College Credit option available. See page 11 of Course Catalogue or www.svcdc.org

Foundation Courses

Short Block (*50 or #60 minutes, 1 Sem.)

- SB Architecture & Construction*
- SB Automotive Maintenance#
- SB Business Basics*
- SB CAD Design & Fabrication#
- SB 3D/CAD*
- SB Creative Computing*
- SB Forensic Investigation#
- SB Plants & Flowers*
- SB Emergency Medical Intro.*
- SB Mental Illness Intro.to*

Long Block (90 Minutes, 1 Semester)

- AgriScience (AgriBio)
- Business & Personal Law
- Business Ownership
- Forensic Investigations Advanced
- Water & Your Environment

Partial Technical Programs

(90 or 150 minutes, 1 Semester)

- Accounting & Finance 1a (90 minutes)
- Accounting & Finance 1b (90 minutes)
- Pre-Law 1a (Semester 1) by teacher permission only.
- Pre-Law 1b (Semester 2) by teacher permission only.
- Theater Arts 1a (Semester 1 only, 90 minutes)
- Theater Arts 1b (Semester 2 only, 150 minutes)

Academic Courses

(One Credit, 90 Minutes, One Semester)

- Tech English I (11-12th grade- Must be in a Tech program)
- Tech English II (12th grade- Must be in a Tech program)

NON DISCRIMINATION STATEMENT:
 The Southwest Vermont Career Development Center is committed to maintaining a learning environment free from discrimination on the basis of race, color, national origin, religion, sex, disability, or sexual orientation. Rev. 12/8/2006 & 2010