

WOMEN CAN DO 2007

WORKSHOP DESCRIPTIONS

Architecture and Engineering

ARCHITECTURE: FROM BLUEPRINT TO REALITY: Ever think of what goes into the creation of a building? Get your chance in this workshop, as you learn the ins and outs of architectural design and work with real blueprints.

IN BRIDGE WE TRUSSED: You will design and build your own 3-D truss bridge using unusual materials. The bridges will then be tested to see what their weight-to-load ratio is. This is a good introduction for individuals interested in civil engineering, mechanical engineering, drafting, and design.

THE WORLD OF INVENTIONS: Engineers design, develop and manufacture machines that produce or transmit power, playing a role in everything from space travel to refrigeration to roller coasters to zip-lock freezer bags, and much more. Sign up for this exciting workshop and try your hand at engineering.

Computers

COMPUTER PROGRAMMING: There are many popular language used by computer programmers today, such as C++, Java, etc. In this workshop you will learn the basics of one of these, its application, and how to create with it.

MAPMAKING MAGIC: Use computers to explore digital geospatial information – super dynamic computer maps! – like Google Earth and more! Learn about career possibilities in the field of Geographic Information Systems (GIS).

THE TRUTH OF WEBSITE DESIGN: It's easier than you might think! Learn some quick <html> and produce your own basic webpage. Import images, graphics, and design concepts into your creation. High-paying jobs abound for people like you - graphic artists, web designers, computer programmers, animators, multi-media specialists...

Communications

TALK IT UP WITH TELECOMMUNICATIONS: With all that talking on the phone, did you ever consider how it all works? Learn how to build and repair a telecommunications network. You'll set up "talk paths" for telephones, identify cable pairs, repair telephone lines and engineer a network using copper and fiber optic cable.

VIEW YOURSELF IN VIDEOGRAPHY: Think you might have a career in media or video production? Then this is the workshop for you. Use the cameras, learn a bit about live shows and editing, and have a really good time!

Empowerment and Leadership

EMPOWER YOURSELF WITH SELF-DEFENSE: Learn to keep yourself safe using the power and smarts you already have. This technique emphasizes using your natural strengths and skills to get out of dangerous situations. Self-awareness is the first step in learning techniques to keep you strong and safe.

FINDING YOUR FUTURE WITH E-GUIDANCE: Vermont Guidance Central is an interactive career exploration program to help you learn more about yourself, various careers options, and which might be the best for you.

LEADING THE WAY: Vermont girls & women are creating opportunities for girls by taking on leadership roles in their schools and communities. Are you involved in Girl Scouts, Tech Savvy Girls, FBLA, SkillsUSA, DECA or any other student leadership organization? Would you like to join other girls in **leading the way**? This workshop recognizes girls who are currently using leadership skills or who wish to develop such skills.

SETTING DREAMS TO SAIL: Setting your dreams to sail: You have the power to make your dreams come true. Discover with friends what your true passions are, and how you can develop them for the future. Hear an inspirational life story of one woman who is successfully living out her dreams, and the steps she took towards this accomplishment. Towards the end of this workshop, you will have the opportunity to literally set your dreams to sail.

MAKING YOUR MONEY MOVE: Come and unravel the mysteries of money, including how to spend, how to save, and how to be smart about credit. Take control of your financial future and be financially independent. You can do it!

Natural Resources

ALL CREATURES GREAT AND SMALL: Do you love animals? Do you have a desire for lifelong learning? Do you like hands-on work? Would you like an ever-changing, ever-challenging job? If you are answering yes, come peek inside a day's work for a veterinarian.

COOKIE CUTTERS: Learn how to use a chainsaw safely and cut a few log "cookies" to take home. Be prepared to hang out outside if you sign up here.

Natural Resources - Continued

THE SECRET LIFE OF PLANTS: Learn the methods of plant propagation. Grow your own, start a garden next spring, take a step towards this lucrative business. Prepare to get your hands dirty with cuttings and transplants.

CAREERS FOR WOMEN IN NATURAL RESOURCES: The outdoor education field is growing fast! Ecologists, herbalists, biologists, trackers, adventurers and more... Come have fun learning about tracks, and identifying herbal and medicinal plants. Please bring warm outdoor clothes.

WOMEN WORKING IN THE WOODS: Do you love the outdoors? This workshop will introduce you to the Vermont Youth Conservation Corps, an organization that hires young people to manage state parks, build hiking & biking trails, construct bridges, and manage wildlife habitats. You'll learn how to use hand tools and how you can maintain the natural beauty of Vermont by working on a backcountry trail crew.

Public Safety

FIGHTING FIRES: Check out what it's like to be one of "America's Bravest." Meet a firefighter, put on full fire gear, and use the tools and equipment. Experience what's involved in fighting fires of all types.

FIRST ON THE SCENE: Emergency Medical Technicians must be ready in emergency situations to help save lives. You'll have an opportunity to check out the equipment first hand and find out what you need to know to enter this incredibly important career.

GET A LOCK ON LAW ENFORCEMENT: Come learn how your voice can be a stronger tool than your hands. See and experience some of the tools an officer uses in her day-to-day work. This workshop will offer the training new law enforcement officers might get.

Trades

BUSINESS IS BOOMING! Think you might want to work for yourself? A panel of women in the construction trades will tell you their story and introduce you to their businesses. Learn the nuts and bolts and "how-to" of getting started. Vermont Women's Business Center provides many levels of support to young women like you!

PAINT YOUR WAY INTO THE PROFESSION: Learn about professional painting. Get familiar with sheetrock. Come and explore your creativity while learning how to support yourself in this lucrative and high demand business.

PLAYING IN THE DIRT: Climb aboard and learn how to maneuver heavy equipment like a skid steer, a loader and a backhoe.

THE ART OF WELDING: An introduction to basic welding using an oxygen-acetylene torch. You will bend steel rods, cut through metal, and weld pieces together. Please wear long pants and bring a long sleeved shirt.

UNDER THE HOOD: Learn the basics of how to purchase a GOOD used car and how to keep it running. We will do a check to hit all the important aspects of auto maintenance. Make sure to wear boots or sturdy closed-toe shoes.

WOODWORKIN' IT: This workshop will give you an introduction to woodworking skills. You will experience using power saws, drills, and various hand tools. Make sure to wear boots or sturdy closed-toe shoes.

BUILT IT WITH RECLAIMED MATERIALS: Ever thought about getting into carpentry? In this workshop you will build the framework for a structure using reclaimed materials, which are materials that have been salvaged from the waste stream and reused. Come ready and willing to bang nails, try out power tools, and test your measuring skills. You will create something new with something old.

OPPORTUNITIES FOR WOMEN IN THE MOTORCYCLE INDUSTRY: Thinking about a job as a motorcycle mechanic / mounted police officer / pro racer / marketing manager for a motorcycle manufacturer? Come learn how to get started, who to contact, and where the jobs are. Check out a street bike up close – operate the controls, try on some riding gear, and kick-start the bike.

PLEASE NOTE: No students will be allowed to ride a motorcycle during this workshop.

Other Non-Traditional Careers

AVIATION CAREERS: Interested in a career in aviation? Come get hands on experience in a real helicopter. Hear from a female aviator, crew chief, and medic about careers that allow your opportunities to take flight.

SLICE AND DICE: Are you passionate about food or managing/owning your own restaurant? The menu for this workshop offers a look at how to use ordinary kitchen utensils to create extraordinary culinary creations. Work with a professional chef and learn to battonet, brunoise, and julienne with a knife to make a delicious snack.