

# TECH 2004 WOMEN AT WORK



## TECHNOLOGY & TRADES FOR WOMEN

TUESDAY, NOVEMBER 30, 2004  
Hamilton Convention Centre



Hamilton Training Advisory Board  
Commission consultative sur la formation à Hamilton

THE ONTARIO TRILLIUM FOUNDATION  
LA FONDATION TRILLIUM DE L'ONTARIO

Canada

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SKILLS COMPÉTENCES CANADA  
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### ***And thank you to...***

*Sarah Zamin, our Master of Ceremonies with flair!*

*&*

*Rosita Hall for her inspiration!*

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A special thank you to the ***Women's Reference Group*** for their commitment to TECH 2004:

Bev Smedley (Chair)

Wanda Bielak Montemurro, *Hamilton Wentworth District School Board*

Corina Chang, *Toyota Motors Inc.*

Sharon Estok, *Mohawk College*

Sharon Marafon, *Marafon Consulting*

Tracy MacPherson, *Dofasco Inc.*

Marilyn Presutti, *Hamilton Wentworth Catholic District School Board*

Marla Robinson, *Mohawk College*

Michelle Smith, *Settlement and Integration Services Organization*

Judy Travis, *Hamilton Training Advisory Board*

Sarah Zamin, *Skills Canada*

Dima Abu-Judom

### **TECH 2004 Staff:**

Simone Saunders, *Project Coordinator*

Norma Lindner, *Event Assistant*

# AGENDA

## **TECH 2004 Women At Work Technology & Trades For Women**



"Life is what you make it - make yours a success.  
Consider all your options and pick the one  
you are passionate about."

*Sarah Zamin, Skills Canada (Ontario), Master of Ceremonies*

### **AGENDA**

**Tuesday, November 30, 2004  
Hamilton Convention Centre  
9:00 am to 2:30 pm**

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**9:00 Registration**

Take a moment to review your registration kit and become familiar with the tools provided for today's event. You'll find lots of information on careers in tech & trades!

*Work with your Team Leader and your Team to solve the puzzle on your table.*

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**9:30 Welcome & Mentor Network**

*Let's get to work!* This is your opportunity to talk to women who are working in tech & trades careers. Ask questions about salary, education, training, and what the best / worst parts of the job are. You may not get to speak to all of the Team Leaders here so chat with more Team Leaders during lunch and the Exhibits!

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**10:30 Break**

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**10:45 Tapping Into YOUR Greatness!  
Rosita Hall, Guest Speaker**

Did you know that you have an amazing gift to share with the world? Did you know that within this gift is boundless energy and talent? The ability to tap into this amazing force will allow you to soar to new levels that you never thought were possible. Rosita will show how to unravel this gift by helping you understand your role as the key architect of your life. *Are you up for the challenge?*

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**11:15 Bridge to Your Dreams  
Prizes to be won!**

All of our Team Leaders believe that you can do anything you set your mind to so here's your chance to prove it! Decide as a Team whether you are going to build the strongest bridge or the longest bridge and with the help of your Team Leader design your bridge on paper. Now, *go get your materials and get to work!*

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**Teacher Tech & Trades  
Workshop (Room 203)**

Teachers will attend an education session in which they will learn about trades and technology careers and how they can encourage students to explore occupations in these fields.

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**12:00 Lunch**

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**12:45 Exhibits  
Don't forget your Scavenger  
Hunt card! More prizes to be  
won!**

*Challenge yourself to try something new!* Exhibits by employers, unions, associations, and educators feature hands-on activities in tech & trades. Talk to Exhibitors and Team Leaders to find out more about careers and to find the answers to the Scavenger Hunt questions. Complete all your questions and be eligible for our Grand Prize Draw!

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**2:15 Prize Draw & Wrap-Up**

# WELCOME

Welcome to Tech 2004

On behalf of the Hamilton Training Advisory Board and our Women's Reference Group, I am pleased to welcome all participants to Tech 2004 – Women at Work.

This is the fifth year for our Tech event series and we believe that we have planned our best event ever. We have a great line-up of activities, speakers and displays so that you can learn more about the many rewarding career opportunities in trades and technology that are available to women.

Why consider a career in trades or technology?

Careers in trades and technology offer many different, challenging and exciting opportunities. There is something for everyone. It is estimated that by 2007 more than one-third of jobs created in Canada will require a skilled trade designation or a college diploma. And, most people who work in the skilled trades area make better than average incomes.

Over the next ten years the demand for skilled workers is going to increase dramatically as Canada's workforce ages and moves into retirement. The Automotive Parts Manufacturers Association forecasts a 42% vacancy rate for skilled trades by 2007 -- nearly 34,000 jobs but estimates that only 20,000 skilled workers will be available. Will there be workers there to fill these vacancies as they become available? Prepare now to seize these job opportunities of the future.

So, take a look around today. Listen to the team leaders. Talk to the exhibitors. Discover the pathway to an exciting future in trades and technology.

Best wishes for an enjoyable day,

*Judy Travis*

Judy Travis  
Executive Director  
Hamilton Training Advisory Board





**SARAH BECKON**

*Occupation/Job Title:* Horticulturalist  
*Current Employer:* Niagara Parks Commission  
*City:* Niagara Falls

**Trade or skills area in which you are qualified:**  
Horticulture

**Skills most relevant to your career:**

- a) Plant identification
- b) Health care & culture of plants
- c) Communication

**Your very first job:** Woodworking at a craft shop.

**Post-secondary education/training:** Niagara Parks Commission School of Horticulture

**How did you come to enter this field?** I did a co-op placement at St. Thomas Parks & Recreation during high school.

**What do you like most about your job?** Working with the environment and being outside.

**Something positive I have learned about myself from working in this field is:** I have discovered my dedication to the preservation of the earth.



**ANGELA BONITATIBUS**

*Occupation/Job Title:* Electrical Helper  
*Current Employer:* Lumination FX Ltd.  
*City:* Waterdown

**Trade or skills area in which you are qualified:**  
Electrical

**Skills most relevant to your career:**

- a) Listening
- b) Manual dexterity
- c) No fear of heights

**Your very first job:** Dishwasher

**Post-secondary education/training:** Electrical Coop, Construction Pre-Apprentice course

**How did you come to enter this field?** My father is an electrician and I would assist him on the job. I also took a Trades course that gave me an overview of the different trades.

**What do you like most about your job?** My job offers a lot of variety and is challenging. I am never bored and really like the physical aspect of it.

**Something positive I have learned about myself from working in this field is:** Work hard and you will be successful. Believe in yourself and your abilities.



**MARGUERITE BOWERMAN**

*Occupation/Job Title:* Support Staff, Health Sciences & Human Services

**Trade or skills area in which you are qualified:**  
Software Engineering

**Skills most relevant to your career:**

- a) Computer programming
- b) Teaching
- c) Communication

**Your very first job:** Mac's Milk Clerk

**Post-secondary education/training:** Software Engineering

**How did you come to enter this field?** Career change

**What do you like most about your job?** Every day is different; you never know what teaching or support you will be giving. I am always learning new technology.

**Something positive I have learned about myself from working in this field is:** The amount of patience I have and my interest in how people learn.



**STEPHANIE BRASSEUR**

*Occupation/Job Title:* Traffic Project Coordinator  
*Current Employer:* City of Kitchener  
*City:* Kitchener

**Trade or skills area in which you are qualified:**  
Engineering, Technology

**Skills most relevant to your career:**

- a) Customer Service
- b) Technical Planning
- c) Self Confidence

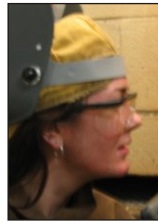
**Your very first job:** Dental Office Cleaning

**Post-secondary education/training:** Mohawk College – Transportation Engineering Technology

**How did you come to enter this field?** Through a college course.

**What do you like most about your job?** Daily challenges, variety of work and dealing with ever changing projects.

**Something positive I have learned about myself from working in this field is:** To respect the decisions I have made and will make and not to second-guess myself.



**NICOLE BRITTAIN**

*Occupation/Job Title:* Welder Apprentice  
*City:* Hamilton  
*Current Member:* Local 67, Plumber and Steamfitters Union

**Trade or skills area in which you are qualified:**  
Welding

**Three skills most relevant to your career:**

- a) No fear of heights
- b) Be flexible
- c) Hand and eye coordination

**Your very first job:** General labour

**Post-secondary education/training:** Plumber and Steamfitters Local 67

**How did you come to enter this field?** My father was a member of the local and introduced me to welding.

**What do you like most about your job?** The daily challenges and rewards.

**Something positive I have learned about myself from working in this field is:** In knowing how to weld, I feel confident in being able to perform any hands on jobs.



TEAM LEADERS



**SERGEANT KERRI CATER**

*Occupation/Job Title:* Armored Crewman  
*Current Employer:* Canadian Forces  
*City:* London

**Trade or skills area in which you are qualified:**  
Maintenance/Operator

**Three skills most relevant to your career:**

- a) Attention to detail
- b) Problem solving skills
- c) Hand eye coordination

**Your very first job:** Paper route

**Post-secondary education/training:** University/College diploma

**How did you come to enter this field?** I was looking for a part time job for the summer, and it was the only position they had available and I have stayed with it for over 11 years. Who knew I would love working with tanks!

**What do you like most about your job?** Working outdoors, challenge and having to keep fit all the time. The looks I get from people when I crawl out of the commanders hatch of a tank.

**Something positive I have learned about myself from working in this field is:** That I can do anything, fix anything, and find my way on a map anytime.



**CORINA CHANG**

*Occupation/Job Title:* Mechanical Engineer  
*Current Employer:* Toyota Motor Manufacturing Canada  
*City:* Cambridge  
*Contact:* cchang@tmmc.ca

**Trade or skills area in which you are qualified:**  
Mechanical Engineering

**Skills most relevant to your career:**

- a) Skepticism
- b) Objectivity

**Your very first job:** Theatre Ticket Seller

**Post-secondary education/training:** University Degree

**How did you come to enter this field?** My father is an engineer and I have expensive hobbies to maintain.

**What do you like most about your job?** All the different types of problems: nothing is ever the same from one day to the next and I got to live in Europe for a while.

**Something positive I have learned about myself from working in this field is:** I can learn more quickly than I thought.



**JANET FERGUSON**

*Occupation/Job Title:* Business Owner, Ferguson Design and Home Inspection  
*Current Employer:* Self-Employed  
*City:* Hamilton  
*Contact:* janet@interlynx.net

**Trade or skills area in which you are qualified:**  
Architectural Technology, Carpentry & Home

Inspection

**Skills most relevant to your career:**

- a) AutoCAD
- b) Carpentry
- c) Estimating & organization

**Your very first job:** Millwright apprentice

**Post-secondary education/training:** Carpentry Apprentices & Architectural Technologist at Mohawk College

**How did you come to enter this field?** I came to work in these fields because of my dad's friends.

**What do you like most about your job?** Always meeting new people, learning new building materials and methods of design and building.

**Something positive I have learned about myself from working in this field is:** That a woman can do anything she wants. My self-confidence has increased.



**SERGEANT VAL FRANKIS**

*Occupation/Job Title:* Aviation Systems Technician  
*Current Employer:* Canadian Forces  
*City:* Hamilton

**Trade or skills area in which you are qualified:**  
Mechanical

**Skills most relevant to your career:**

- a) Manual dexterity
- b) Attention to detail
- c) Problem solving skills

**Your very first job:** Gas Station

**Post-secondary education/training:** Technical School

**How did you come to enter this field?** Canadian Forces Recruiting Centre.

**What do you like most about your job?** Working on an aircraft.

**Something positive I have learned about myself from working in this field is:** To know that I am able to fix anything.



**PAULA GALASSI**

*Occupation/Job Title:* Specialist, Dofasco Inc.  
*Current Employer:* Dofasco  
*City:* Hamilton

**Trade or skills area in which you are qualified:**  
Mechanical Engineering

**Skills most relevant to your career:**

- a) Problem solving
- b) Project management
- c) Strong interpersonal skills

**Your very first job:** Production Engineer (first job in the tech field)

**Post-secondary education/training:** Bachelors of Engineering, McMaster University

**How did you come to enter this field?** Enjoyed math and science in school and excelled in them.

**What do you like most about your job?** I enjoy the challenges. Everyday there is something new to work on.

**Something positive I have learned about myself from working in this field is:** The only limitations to my career are the ones I set for myself.



TEAM LEADERS



**VALERIE GOCKING**

*Occupation/Job Title:* Estimator, Project Manager for a Construction Co. (Gold Seal Certified)  
*Current Employer:* Neuman Bros. Ltd.  
*City:* St. Catharines

**Trade or skills area in which you are qualified:**  
Construction estimating, project management & quality control

**Skills most relevant to your career:**

- a) Blue Print Reading
- b) Math (basic)
- c) Construction methods and material

**Your very first job:** Triple "A" Student Painters in High School. Mase Contracting in college

**Post-secondary education/training:** Architectural Technician, Marketing Diploma

**How did you come to enter this field?** Liked interior and exterior design including renovations.

**What do you like most about your job?** Each day the job is different. Since there are few women in this field, it's a great accomplishment to compete, work, and succeed in a man's world.

**Something positive I have learned about myself from working in this field is:** Very multi-task oriented. I am respected and well known in my field.



**LESLEY HARSCHNITZ**

*Occupation/Job Title:* Information Architect  
*Current Employer:* Dofasco Inc.  
*City:* Hamilton

**Trade or skills area in which you are qualified:**  
Engineering, Data Management

**Skills most relevant to your career:**

- a) The ability to understand and analyze data
- b) The ability to design and implement processes
- c) The ability to communicate well through various means

**Your very first job:** Drafting for my father

**Post-secondary education/training:** Bachelors of Applied Science in Metallurgical Engineering, Masters of Mechanical Engineering

**How did you come to enter this field?** I was interested in science and math as a child and continued with drafting in high school. This led directly to engineering in University.

**What do you like most about your job?** I need to use my skills and training all the time and I need to continually keep learning. My job is different every day, it is always interesting, it offers variety and it is challenging.

**Something positive I have learned about myself from working in this field is:** I have a lot of self confidence in other things I do based on what I have learned through my job.



**VALERIE J. HILL**

*Occupation/Job Title:* Ironworker  
*Current Employer:* The State Group Commercial Ltd.  
*City:* Toronto

**Trade or skills area in which you are qualified:**  
Ironworker

**Three skills most relevant to your career:**

- a) Blue Print reading
- b) Cutting with a torch
- c) Welding & erecting buildings

**Your very first job:** Blenkhorn Citric Acid Plant in Port Colbourne

**Post-secondary education/training:** Grade 12, 6,000 hour. Apprenticeship "Ironworker"

**How did you come to enter this field?** My brother wanted an iron-working partner, so I took welding and liked it.

**What do you like most about your job?** Huge variety of jobs, work at different places, meet lots and lots of new people.

**Something positive I have learned about myself from working in this field is:** A lot of things look and seem hard, but give it an honest effort and you'll find you can do a lot more than you thought.



**KAREN HOULAHAN**

*Occupation/Job Title:* Civil Aviation Safety Inspector  
*Current Employer:* Transport Canada Civil Aviation – Maintenance & Manufacturing Branch  
*City:* Mississauga (Pearson International Airport)  
*Contact:* houlahk@tc.gc.ca

**Trade or skills area in which you are qualified:**  
Aircraft Maintenance (hold an Aircraft maintenance Engineer's (AME) licence) for maintaining/certifying helicopters.

**Skills most relevant to your career:**

- a) Ability to maintain aircraft to the required standards
- b) Ability to read, interpret and apply legislative requirements
- c) Ability to assess if appropriate standards of maintenance have been used and take the necessary action if not.

**Your very first job:** Bakery clerk

**Post-secondary education/training:** Aircraft Maintenance course taken at PVI/PCIT

**How did you come to enter this field?** I had a love of aviation from when I was 12 yrs. old. I planned on becoming a commercial pilot but the industry was in a downturn. It was suggested to me that if I had a maintenance licence as well as a pilot's licence my chances of getting a job were better. Having taken auto shop in high school I had a natural inclination for mechanics and a love of aviation. I got into helicopters because of the enthusiasm for them exhibited by one of the instructors at BCIT.

**What do you like most about your job?** Inspecting all types of aircraft and meeting people from all over the world.

**Something positive I have learned about myself from working in this field is:** I'm a stronger, more resilient person than I would have assessed myself to be when I was younger (high school age).



**TEAM LEADERS**



**LAURA HOWARTH**

*Occupation/Job Title:* Electrical Apprentice  
*Current Employer:* Dofasco Inc.  
*City:* Hamilton

**Trade or skills area in which you are qualified:**  
Industrial Maintenance Electrician

**Skills most relevant to your career:**

- a) Working with tools
- b) Writing skills (effective communication)
- c) Troubleshooting skills

**Your very first job:** A & W Fast Food

**Post-secondary education/training:** Two-year Diploma in Instrumentation Technician – Mohawk College

**How did you come to enter this field?** Impending trade shortage. I went for something with job security. This stuff seemed interesting and it is.

**What do you like most about your job?** Every day is different. In maintenance anything can go wrong, you never know what to expect and everything is a new challenge.

**Something positive I have learned about myself from working in this field is:** I've learned that I am a much stronger person than I thought I was. I push myself to my limits and exceed my own expectations as often as I can.



**CATHERINE HYLAND**

*Occupation/Job Title:* Technical Operations Analyst  
*Current Employer:* Cogeco Cable Inc.  
*City:* Burlington

**Trade or skills area in which you are qualified:**  
Programmer / Analyst

**Skills most relevant to your career:**

- a) Programming logic
- b) Problem solving/analytical thinking
- c) Time/project management

**Your very first job:** Jr. level programmer at an insurance company

**Post-secondary education/training:** Programming Diploma, BA

**How did you come to enter this field?** I took some computer classes at night school to enhance my skills. I enjoyed the classes and was successful at them, so I decided to pursue it further and return to school full time.

**What do you like most about your job?** I enjoy the variety of a combined technical and business role, using a variety of computer tools and techniques to do my work. I work on a number of different projects that are at various stages at the same time. Not the stereotypical role of sitting at a computer coding all day.

**Something positive I have learned about myself from working in this field is:** It surprises me that I am working in an area that I would not have considered myself well-suited for a number of years ago.



**CAPTAIN ANNE JOHNSTON**

*Occupation/Job Title:* Detachment Commander of the Canadian Forces  
*Current Employer:* Canadian Forces  
*City:* Kitchener

**Trade or skills area in which you are qualified:**  
Logistics Officer

**Skills most relevant to your career:**

- a) Communications
- b) Time management
- c) Leadership

**Your very first job:** YW/YMCA

**Post-secondary education/training:** Bachelor of Arts

**How did you come to enter this field?** Joined in 1976 as a reserves officer.

**What do you like most about your job?** I enjoy the variety.

**Something positive I have learned about myself from working in this field is:** I can achieve a challenge.



**BERNICE LILLEY**

*Occupation/Job Title:* Manager, Maintenance & Purchasing  
*Current Employer:* Hamilton Port Authority  
*City:* Hamilton

**Trade or skills area in which you are qualified:**  
Multi-Trades

**Skills most relevant to your career:**

- a) Multi trade
- b) Management
- c) Customer Service

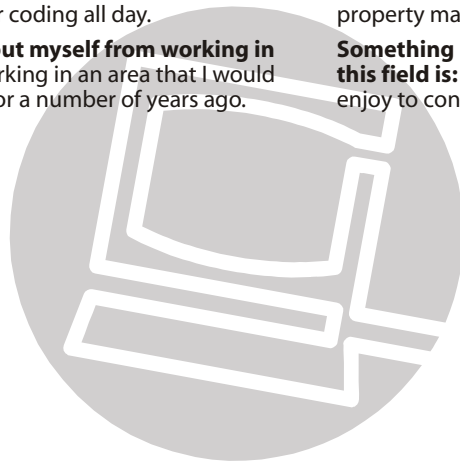
**Your very first job:** Bank teller

**Post-secondary education/training:** Mohawk College – Facilities Maintenance & McMaster University – Business Management in progress.

**How did you come to enter this field?** I started in this area by working in the Physical Plant at McMaster University as the Work Control Clerk. In this position I received all maintenance calls and gained experience. I began taking several courses and was promoted into Supervision. I continued to take courses and still do.

**What do you like most about your job?** The thing I like most about my job is the variety. In my current position with the Hamilton Port Authority I look after over 500 acres of property which includes rail siding, snow removal, grounds maintenance, utility services. There are over 100 different tenants. We range from a recreational marina to property management to shipping.

**Something positive I have learned about myself from working in this field is:** I have learned that I am very adaptable to change and enjoy to continually learn new things.



**TEAM LEADERS**



**JASMINE MARSHALL**

*Occupation/Job Title:* Prep Cook  
*Current Employer:* Liaison College Culinary Arts/Compton & Greenland Fine Foods & Catering  
*City:* Burlington

**Trade or skills area in which you are qualified:**  
Chef Apprentice

**Skills most relevant to your career:**

- a) Knife skills
- b) Math skills
- c) Sanitation

**Your very first job:** Dishwasher at Hoover's Marina Restaurant

**Post-secondary education/training:** Liaison College and Mohawk College

**How did you come to enter this field?** I have always been interested in anything culinary from an early age and finally decided to follow through with that interest.

**What do you like most about your job?** The satisfaction and instant gratification of being able to produce amazing food and please those who eat it.

**Something positive I have learned about myself from working in this field is:** I have learned just what inner strength and perseverance really means and what this can do for you when you try hard enough.



**JANET MCDONALD**

*Occupation/Job Title:* Utilities Technician  
*Current Employer:* Stelco Inc.  
*City:* Hamilton

**Trade or skills area in which you are qualified:**  
Stationary engineer, gasfitter

**Skills most relevant to your career:**

- a) Ability to troubleshoot
- b) Communication
- c) Mechanical ability

**Your very first job:** Tim Horton's

**Post-secondary education/training:** Mohawk college (process operator course)

**How did you come to enter this field?** Interested in chemical lab work.

**What do you like most about your job?** Variety and there is very little supervision.

**Something positive I have learned about myself from working in this field is:** Confidence.



**JANE MURRAY**

*Occupation/Job Title:* Teacher – Technological Education  
*Current Employer:* Hamilton-Wentworth District School Board  
*City:* Hamilton

**Trade or skills area in which you are qualified:**  
Mechanical drafting

**Skills most relevant to your career:**

- a) Attention to detail
- b) Good technical drawing ability
- c) An inquisitive nature

**Your very first job:** Drafting in a small engineering firm

**Post-secondary education/training:** College-Trade, University – teaching degree(s)

**How did you come to enter this field?** Personal interest & curiosity of just how 'things are made'.

**What do you like most about your job?** Technology provides opportunities for lifelong learning – never dull.



**JO PAVLOV**

*Occupation/Job Title:* Computer Technician  
*Current Employer:* Hamilton Wentworth District School Board  
*City:* Hamilton

**Trade or skills area in which you are qualified:**  
Networking and Hardware Technician

**Skills most relevant to your career:**

- a) Linear thinking
- b) Knowledge of networks and computer connectivity
- c) Creativity, this job requires a lot of 'thinking outside of the box'

**Your very first job:** Concession stand attendant at a movie theatre

**Post-secondary education/training:** College diploma in Computer Science – networking & hardware

**How did you come to enter this field?** I was always technically savvy, and seemed to be the one that most people came to in the office when they had computer problems. (I was a library technician most of my life). I realized I would never crack 40K working in a female dominated industry, so I may as well get paid well for what I was doing anyways.

**What do you like most about your job?** Autonomy, responsibility, and ability to resolve problems using all the tools available to me – my knowledge, my coworkers, the Internet, etc. It's challenging.

**Something positive I have learned about myself from working in this field is:** I have leadership qualities that I never knew I had. In this job, you have to take over entire rooms or labs, and get people to cooperate and listen. I never thought I could do this before I had to do it.



**SONYA PUMP**

*Occupation/Job Title:* Senior Metallurgist  
*Current Employer:* Dofasco Inc.  
*City:* Hamilton

**Trade or skills area in which you are qualified:**  
Material Science Engineer (engineering)

**Skills most relevant to your career:**

- a) Public Speaking
- b) Writing skills (effective communication)
- c) Problem solving skills

**Your very first job:** Worked at Tim Horton's

**Post-secondary education/training:** Bachelor of Engineering Sciences – University of Western

**How did you come to enter this field?** My dad thought I should be an engineer and I did not know what else I wanted to do. However, after 2 years of school I knew I made the right choice and enjoyed Materials Science as my discipline.

**What do you like most about your job?** The variety of projects I get assigned to me. I never end up doing the same job for a long period of time and I always have a variety of projects to work on.

**Something positive I have learned about myself from working in this field is:** I can handle anything and any situation as long as I have confidence in myself. There has not been a project I have failed at yet.



TEAM LEADERS

**MICHELE SAVOIE**

*Occupation/Job Title:* Network Administrator  
*Current Employer:* Fibrewired (Hamilton Utilities Company)  
*City:* Hamilton  
*Contact:* mesavoie@fibrewired.com

**Trade or skills area in which you are qualified:**  
 Network / Computer Technology

**Skills most relevant to your career:**

- a) Problem solving and communication skills
- b) Ability to learn new technology on a daily basis

**Your very first job:** PC Technician

**Post-secondary education/training:** Cisco Training, Mohawk College Computer Science

**How did you come to enter this field?** Opportunity to attend computer science oriented courses paid for by employer at the time.

**What do you like most about your job?** Diversity and a challenge: never a routine or a dull moment.

**Something positive I have learned about myself from working in this field is:** If you set a goal for yourself you will achieve it.

**DENISE SERAFIN**

*Occupation/Job Title:* CADD Specialist I  
*Current Employer:* Region of Halton / Mohawk College  
*City:* Oakville / Hamilton

**Trade or skills area in which you are qualified:**  
 Drafting and Design

**Skills most relevant to your career:**

- a) Computer Software
- b) Organizing
- c) Engineering knowledge

**Your very first job:** McDonalds when I was 15

**Post-secondary education/training:** Construction Tech and CADD Certified

**How did you come to enter this field?** By mistake, couldn't take the course I wanted.

**What do you like most about your job?** Designing

**Something positive I have learned about myself from working in this field is:** I work well with others.

**SANDY SHENTON**

*Occupation/Job Title:* Electrical Operator  
*Current Employer:* Burlington Hydro  
*City:* Burlington

**Trade or skills area in which you are qualified:**  
 Electrical Operator (Distribution & provincial)

**Skills most relevant to your career:**

- a) Clear communication
- b) Able to make quick decisions (ensure crews are safe)
- c) Read schematics and drawings

**Your very first job:** McDonalds

**Post-secondary education/training:** One year of University, 4 years on the job training

**How did you come to enter this field?** My dad is an electrician for Hydro One. I went to Brock University for Physical Education – I got a job as a summer student for Hydro One and a job opened in Operations and I got it.

**What do you like most about your job?** I enjoy that there are no two days alike and working with my colleagues 'the guys'.

**Something positive I have learned about myself from working in this field is:** I adapt to change very well and I have confidence in myself.

**VALERIE C. WEBBER**

*Occupation/Job Title:* Instructor – College Math & Statistics  
*Current Employer:* Mohawk College  
*City:* Burlington and GTA area  
*Contact:* valerie.webber@mohawkcollege.ca

**Trade or skills area in which you are qualified:**  
 Metallurgical engineering; Quality math

**Skills most relevant to your career:**

- a) Computer skills – word, excel, access
- b) Communication skills – presenter, facilitation, guiding
- c) Adaptability skills – able to handle change & see need for change

**Your very first job:** Day-camp counselor

**Post-secondary education/training:** B. Engineer – McGill, MBA – McMaster, Web Cert Mohawk

**How did you come to enter this field?** I became an instructor in math and statistics when I was looking for a career change that would better fit my professional goals and family life.

**What do you like most about your job?** I really like helping others to learn and I wind up learning a lot from the students as well.

**Something positive I have learned about myself from working in this field is:** I have learned that I can approach topics from many different perspectives, which accommodate the range of learners I see.

**HEIDI VOLA**

*Occupation/Job Title:* Environmental Graphic Designer  
*Current Employer:* Graphic Gallery (self-employed)  
*City:* Waterdown  
*Contact:* vola@globalserve.net

**Trade or skills area in which you are qualified:**  
 Graphic Design; Illustration; Commercial Artist

**Skills most relevant to your career:**

- a) All around artist skills
- b) Creative thinking
- c) Good communication skills

**Your very first job:** Engraving tags for electrical panels

**Post-secondary education/training:** Sheridan College - Illustration

**How did you come to enter this field?** After college, I went directly into my field of work.

**What do you like most about your job?** I love the opportunity to create and be creative everyday.

**Something positive I have learned about myself from working in this field is:** I have learned that what you can dream you can achieve.



# TEAM LEADERS



**TRACY-ANNE VERSTEEG**

*Occupation/Job Title:* Marine Systems Engineering Officer  
*Current Employer:* Canadian Forces  
*City:* Hamilton  
*Contact:* versteeg.t@forces.gc.ca

**Trade or skills area in which you are qualified:** Engineering

**Skills most relevant to your career:**

- a) Analytical thinking
- b) Interpersonal skills
- c) Communications both written and oral

**Your very first job:** Babysitting

**Post-secondary education/training:** Bachelor of Engineering – chemical & materials

**How did you come to enter this field?** I joined the reserves as a teenager and enjoyed it so much that I entered into the military, as a means of getting a university degree.

**What do you like most about your job?** The fact that I change jobs (not necessarily location) often so I learn new skills and have new challenges.

**Something positive I have learned about myself from working in this field is:** I do well in stressful situations.



**KATHY VOGEL**

*Occupation/Job Title:* Architect  
*Current Employer:* K.Vogel Design Services  
*City:* Ancaster  
*Contact:* k.vogel@sympatico.ca

**Skills most relevant to your career:**

- a) Computer/CAD
- b) Communication

c) Work ethics

**Your very first job:** Waitress / Infield General Contractor

**Post-secondary education/training:** Diploma of Architecture, Architectural Technologist

**How did you come to enter this field?** Planned career path

**What do you like most about your job?** Design / People



**KATHY WALLACE**

*Occupation/Job Title:* Environmental Scientist  
*Current Employer:* Terraprobe Limited  
*City:* Brampton  
*Contact:* kwallace@terraprobe.ca

**Trade or skills area in which you are qualified:** Environmental Technology

**Skills most relevant to your career:**

- a) Project management
- b) Adaptability
- c) Team work

**Your very first job:** Forestry consultant measuring trees

**Post-secondary education/training:** Bachelor of Environmental Studies (Waterloo Co-op)

**How did you come to enter this field?** I love the environment and being outdoors.

**What do you like most about your job?** I like working outside, the travel, and the day-to-day variety of projects.

**Something positive I have learned about myself from working in this field is:** Work can be fun!



**ADDI WOODS**

*Occupation/Job Title:* Industrial Electrician  
*Current Employer:* Dofasco Inc.  
*City:* Hamilton

**Trade or skills area in which you are qualified:** Industrial Electrician

**Three skills most relevant to your career:**

- a) Problem solving skills
- b) Teamwork
- c) Mathematical aptitude

**Your very first job:** I worked as a farm hand

**Post-secondary education/training:** 3-year Electrical Technology Program at Conestoga College

**How did you come to enter this field?** I took a few electrical courses in High School. After graduating High School I went to college for 2 years to complete the Electrical Technician program.

**What do you like most about your job?** I work on a breakdown team. Every shift is different from the last. We have to work together as a team to find the problem and rectify it as quick as possible in order to keep production running.

**Something positive I have learned about myself from working in this field is:** I can handle anything! Some problems may take more work to solve them but in the end, perseverance always pays off!



TEAM LEADERS

# EXHIBITORS

**ADVANCED WELDING TECHNOLOGIES INC., Hamilton**  
[www.advweldtech.com](http://www.advweldtech.com)

The participants will view a video on various welding processes. On display there will be tools of the trade, work clothing, helmets that may all be tried on.

Advanced Welding Techniques offers individuals the opportunity to study the art of welding, upgrade their skills, learn a new process, and acquire certification at our fully modernized facility.

**BURLINGTON HYDRO, Burlington**  
[www.burlingtonhydro.com](http://www.burlingtonhydro.com)

At Burlington Hydro's exhibit, the participant will be able to view a demonstration of how to locate an underground cable and try out the equipment. The career being showcased is a Cable Locator or Station Maintenance personal. There are several reasons why we need to locate cables, e.g. a customer wants to build a fence, repairs need to be made for Bell lines, gas lines, and main water lines. More importantly, it would be to prevent anyone from coming in contact with electricity. We also do 'locates' to find bad cables (i.e. faulted) that may have taken out the power in the surrounding area. While the cable is being located, the operator would look for alternate routes to put the power on.

Burlington Hydro Inc., established in 1945 as the Burlington Public Utilities Commission, is an energy services based company in the power distribution business.

**CANADIAN FORCES - DEPARTMENT OF NATIONAL DEFENCE, Hamilton**  
[www.forces.gc.ca](http://www.forces.gc.ca)

At the Canadian Forces booth participants will be able to speak with women who are employed in various trades ranging from engineering to vehicle mechanics and examine equipment that is utilized on a daily basis. Participants will learn about programs that the Canadian Forces offer including those that subsidize education. It is important for everyone to understand that the Canadian Forces is hiring for many trades and technician positions and is willing to train people in these fields. Whether it is working on fighter jets and tanks or navigating our ships, there are opportunities for everyone. Interested individuals may speak to our staff at the booth, go to our website, or visit us at the local Canadian Forces Recruiting Centre.

The Canadian Forces employ more than 60,000 people and is hiring approximately 5,000 per year. The Canadian Forces offer rewarding Full-Time (Regular Force) and Part-Time (Reserve Force) careers in Navy, Army and Air Force. There are over 100 employable occupations in the Canadian Forces, including careers in trades and technology.

**CANADIAN PLYWOOD ASSOCIATION, London**  
[www.canply.org](http://www.canply.org)

Canply is here to inform the participants about the benefits and uses of plywood in the construction industry. We will speak about how plywood is made and show wood samples. We will also showcase the various jobs for those interested in working in the construction plywood industry.

**CAREER CRUISER, YMCA, Hamilton**  
[www.careercruiser.com](http://www.careercruiser.com)

The YMCA Career Cruiser is a self-contained, mobile, career resource centre. Everyone at Tech 2004 has access to our free services, including: Internet access, resume and cover letter assistance, career aptitude software, with lots of community, skilled trades and referral information. We have two career cruiser facilitators, who are both friendly, knowledgeable and resourceful. Please visit us, or visit our web site to find out when we will be in your community.

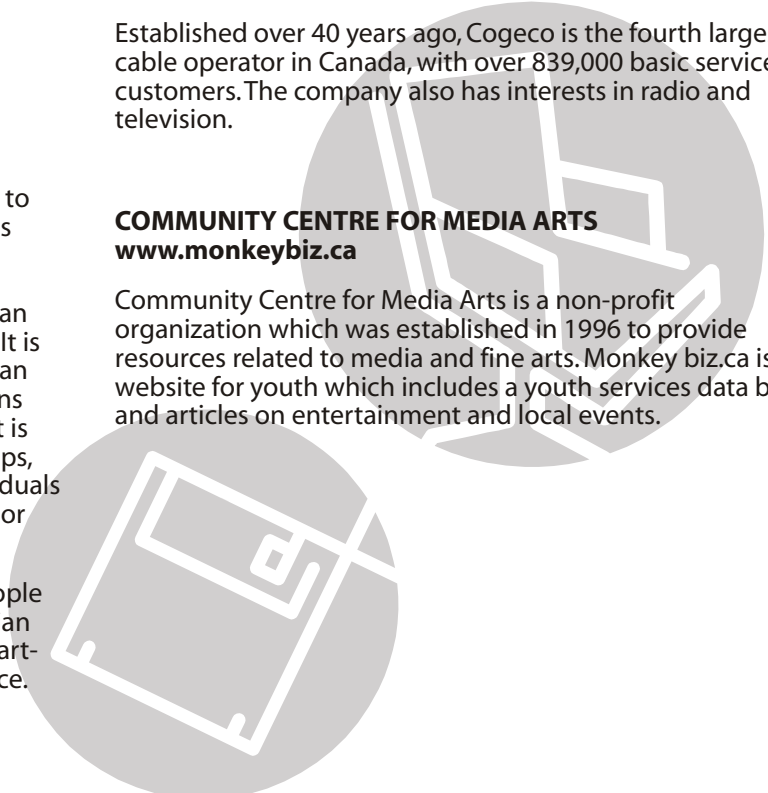
**COGECO CABLE INC., Hamilton**  
[www.cogeco.ca](http://www.cogeco.ca)

Cogeco Cable offers a diverse range of technical and trade oriented career opportunities in the cable television, high speed cable internet and community television fields. Visitors will have an opportunity to learn about these careers, as well as see and use some of the tools and materials used by a service technician.

Established over 40 years ago, Cogeco is the fourth largest cable operator in Canada, with over 839,000 basic service customers. The company also has interests in radio and television.

**COMMUNITY CENTRE FOR MEDIA ARTS**  
[www.monkeybiz.ca](http://www.monkeybiz.ca)

Community Centre for Media Arts is a non-profit organization which was established in 1996 to provide resources related to media and fine arts. Monkey biz.ca is a website for youth which includes a youth services data base and articles on entertainment and local events.



# EXHIBITORS

## **DOFASCO INC., Hamilton** [www.dofasco.ca](http://www.dofasco.ca)

While at our exhibit participants will receive handouts that demonstrate Dofasco's commitment to Innovation, Lifestyle and the Environment. Our backboard highlights Dofasco's History, Products, Markets, Customers and our People. We will also have a video running called the "Making of Steel" as well as some steel samples that the students can examine. Our two representatives will be able to answer questions on careers in Technology (for engineers & technologists) as well as careers through our Apprenticeship program.

Founded in 1912, Dofasco is Canada's most successful steel producer, serving customers throughout North America with high quality flat rolled and tubular steels and laser-welded blanks from facilities in Canada, the United States and Mexico. Dofasco practices a customer-focused "Solutions in Steel"™ strategy which employs new and unique technologies to increase the proportion of value-added products the Company produces. This why we're always in search of the best and brightest people out there; it is only through people that ideas can take flight.

## **FIBREWIRE, Hamilton** [www.fibrewired.com](http://www.fibrewired.com)

Fibrewired's exhibit will include a small network between two PC's through a switch. Participants will learn some network commands - how to perform the ping function and why it is useful. There will also be a display board of many different types of cable such as CATEGORY 5 and fibre patch cables. The exhibit will showcase careers such as a network technician and an outside plant specialist and it will display what is needed to make a network.

Fibrewired is an association of community-owned utilities in Ontario that provide high-speed telecommunications services to their home communities. Their ultra high-speed fibre optic network is one of the most extensive in Ontario.

## **HAMILTON HEALTH SCIENCES, Hamilton** [www.hamiltonhealthsciences.ca](http://www.hamiltonhealthsciences.ca)

The structure shown at our exhibit will be a bathroom. By visiting our booth, you will learn of the many trades people work at to create this structure. An electrician, a plumber, a painter, masonry, and a carpenter have contributed their talents to building this bathroom. However, those are only some of the trades employed at Hamilton Health Sciences in order to keep our facilities operating at optimum levels. Please stop by our booth and ask us about the others.

With over 8,000 employees, Hamilton Health Sciences (HHS) is the region's largest employer. The hospital provides a full range of comprehensive services and programs. HHS offers a competitive compensation structure along with progressive and innovative benefit packages that support their employees' individual needs.

## **HAMILTON PUBLIC LIBRARY, Hamilton** [www.hpl.ca](http://www.hpl.ca)

The participants will be able to use our print and non-print resources to check out information on different careers. The print items can be borrowed from the library, from our centres. We also carry resources on how to write cover letters and resumes.

Need information? Find out more about Skilled Trades. Start your job search at the library!

Borrow books, videos and CD ROMs to help your job search. Access our computer to search for jobs online, prepare resumes, research potential employers and occupations. Individual help is available at Terryberry and Redhill Career Centres. Tours and orientation of job seeking tools is available at our Central Library.

## **HAMILTON-WENTWORTH CATHOLIC DISTRICT SCHOOL BOARD - ONTARIO YOUTH APPRENTICESHIP PROGRAM (OYAP), Hamilton** <http://hwcdsb.edu.on.ca/curriculum/oyap/oyap.htm>

Discover how Ontario Youth Apprentice Program can provide you with the opportunity to "earn while you learn." Investigate the program benefits, explore the exciting apprenticeship trades, and read student/employer testimonials.

Students at every Hamilton Wentworth Catholic District School Board secondary school have the opportunity to be involved in the Ontario Youth Apprenticeship Program (OYAP). Those who demonstrate the "right stuff" in Cooperative Education and in appropriate related in school subjects, can begin an apprenticeship while still in high school!

## **HAMILTON-WENTWORTH DISTRICT SCHOOL BOARD - ONTARIO YOUTH APPRENTICESHIP PROGRAM (OYAP), Hamilton** [www.hwdsb.on.ca/oyap](http://www.hwdsb.on.ca/oyap)

Learn how the Ontario Youth Apprenticeship (OYAP) offers Ontario secondary school students the opportunity to train as apprentices while enrolled in school. It allows a student to complete his or her Ontario Secondary School Diploma (OSSD) and to gain apprenticeship training leading to a certificate of qualification with Journey person status in a skilled trade. If you are interested? Contact your school's Cooperative Education or Student Services Department. You can also contact your local apprenticeship office, by calling the Training Hotline at 1-800-387-5656 for more information.

# EXHIBITORS

**HAMILTON DISTRICT AUTOBODY REPAIR ASSOCIATION (HARA), Stoney Creek**  
[www.ciia.com](http://www.ciia.com)

Visit our booth to consider auto collision repair as a great career with a good future. We will speak to you about autobody training and apprenticeship programs.

The Hamilton District Autobody Repair Association (HARA) is the largest local collision repair, autobody and auto refinishing industry trade association in Canada. Founded in 1988, the organization is a leader in advocacy activities for the industry and delivers training, project management and industry initiatives across North America.

**INTERNATIONAL BROTHERHOOD OF ELECTRICAL WORKERS LOCAL UNION 105, Hamilton**  
[www.ibew105.com](http://www.ibew105.com)

Participants will have the opportunity to learn how to strip wire correctly and finish the process by learning how to install a wire nut on the wire ends.

IBEW celebrates 101 years of service and currently has 1,200 employees. IBEW supplies highly trained electricians for the industrial, commercial, institutional, residential, and communications fields.

**IRONWORKERS LOCAL UNION 736, Hamilton**

Visit our booth and have a chance to handle the tools of the trade and have the opportunity to find out what an Ironworker career is like.

The International Association of Bridge, Structural, Ornamental and Reinforcing Iron Workers Union, AFL-CIO, is a proud trade union whose roots go back to the 1890's. Ironworkers are members of the Building and Construction Trades. Ironworkers work on outside projects erecting buildings and bridges and other related work.

**LANDSCAPE ONTARIO, Milton**  
[www.landscapeontario.com](http://www.landscapeontario.com)

The interactive activity presented in Landscape Ontario's booth is an 18"x30" paper display where students can learn how a landscaper installs a patio, driveway, or walkway.

Landscape Ontario represents the landscape industry, which has over 100,000 workers in the province with over 10,000 firms in the province. We have a staff of 24, run winter workshops of over 100 seminars, and publish two publications for the Ontario market and for Canada from our 50-acre site in Milton. We promote apprenticeship training as an excellent way of learning the trade. About 25% of the industry is made up of women and many have their own firms. Landscape Ontario has been representing the industry for more than 30 years. Horticulture programs are available at the college and university level.

**LIAISON COLLEGE, Hamilton**  
[www.liaisonhamilton.com](http://www.liaisonhamilton.com)

The career of chef will be featured. Our student, Jasmine Marshal, I will demonstrate the classic cuts and knife skills required in the industry. We will also show some garnishing techniques.

The trade of chef has changed dramatically over the last 20 years. It is an excellent career for women of all ages – the variety of jobs available allows for more flexible hours & the opportunity to travel the world if you desire. Liaison College is a private culinary college with five employees and 6 ½ years in business.

**LIUNA LOCAL 837, E.H. MANCINELLI TRAINING CENTRE, Hamilton**  
[www.liuna837tc.com](http://www.liuna837tc.com)

The participants who visit our booth will have an opportunity to handle and try on full body harnesses and full body protective equipment.

The E.H. Mancinelli Training Centre has, for more than a decade, provided quality programs, offering skills development training, youth employment initiatives, and customized leading edge technology training.

**MINISTRY OF TRAINING, COLLEGES & UNIVERSITIES – APPRENTICESHIP CLIENT SERVICES, Hamilton Branch**  
[www.edu.gov.on.ca/eng/training/apprenticeship/appren.ht](http://www.edu.gov.on.ca/eng/training/apprenticeship/appren.ht)

Participants will learn about Apprenticeship and Apprenticeship Trade Opportunities. They will discover career opportunities in a host of trades that are non-traditional. They will learn about the process of becoming registered as an apprentice and the many opportunities that await them once they've received their certification.

Apprenticeship is a hands-on training program for people who want to work in a skilled trade and who enjoy learning by doing. About 90 % of apprenticeship training is provided in the workplace and the remainder involves classroom instruction at a local college. Apprentices are workers, so they earn as they learn.



# EXHIBITORS

**MOHAWK COLLEGE OF APPLIED ARTS & TECHNOLOGY, Hamilton**  
[www.mohawkcollege.ca](http://www.mohawkcollege.ca)

Participants will learn about career opportunities in the manufacturing and other engineering technologies. Careers will include apprenticeships, technicians, technologists and supervisory roles. Women are under represented in these professional fields and their participation is desperately needed by industry to address upcoming shortages of labour & management in the technology sector.

Mohawk College is one of Ontario's largest deliverers of post-secondary and apprenticeship programming with a strong focus on trades and technology related to the manufacturing economy.

**THE NIAGARA PARKS COMMISSION SCHOOL OF HORTICULTURE, Niagara Falls**  
[www.schoolofhorticulture.com](http://www.schoolofhorticulture.com)

At our booth the participant will have the opportunity to participate in the process of asexual propagation by vegetative cuttings and tissue culture. They will also have the opportunity to ask questions related to the activity, to the school programs and the horticulture occupation and field.

The Niagara Parks Botanical Gardens and the School of Horticulture is a family of students, staff and alumni whose passion for the art, science and mystery of horticulture is evident in superior education, research, leadership and stewardship of their gift to the world – the Botanical Gardens. The world-renowned School of Horticulture is a full three-year horticulture program. It is a blend of academic studies and practical training at The Niagara parks Botanical Gardens...a one-of-a kind horticultural educational opportunity.

**ASSOCIATION OF ONTARIO LAND SURVEYORS, Toronto**  
[www.aols.org](http://www.aols.org)

At our exhibit we will be showing a power point presentation "Open the Door to a Career in Geomatics" plus distributing brochures.

Geomatics encompasses the broad field of land related Information Technology, one of the fastest growing career choices in North America. The demand for Geomatics graduates is very high. The association of Ontario Land Surveyors is the professional home of geomatics Professionals in Ontario.

**ONTARIO POWER GENERATION (OPG), Toronto**  
[www.mypowercareer.com](http://www.mypowercareer.com)

At the OPG booth, participants will learn about skilled trades at OPG, through three different positions: Control Technician, Mechanical Maintainer, and Nuclear Operator. Current OPG employees (women in trades) will be on hand to demonstrate tools and job requirements, and answer questions. Detailed information about these positions are available on our website.

Ontario Power Generation is an Ontario based company, whose principal business is the general and sale of electricity in Ontario and to interconnected markets. Our focus is on the risk-managed production and sale of reliable electricity from our competitive generation assets. OPG's goal is to be premier North American energy company, while operating in a safe, open and environmentally responsible manner.

**ONTARIO POWER GENERATION – TRADEUP, POWER WORKERS' UNION**  
[www.tradeup.com](http://www.tradeup.com)

TradeUp, Power Workers' Union provides information on the trades occupations available at Ontario Power Generation, Hydro One. Check our website for more information.

**RECORDING ARTS CANADA, Toronto**  
[www.recordingarts.com](http://www.recordingarts.com)

Participants will be able to view some video clips of various recording techniques and studios. Our goal is to educate participants on what the audio industry is and what types of jobs are available. The audio industry has many career opportunities for women that challenges their creative capabilities.

**SKILLED TRADES; GOOD CAREERS, GREAT FUTURES, Hamilton**  
[www.skilledtrades.ca](http://www.skilledtrades.ca)

We will explain the ten steps to an apprenticeship and also resume writing skills for the technical trades. [apprentice.search.com](http://apprentice.search.com) will explain the web site and talk about its use.

The Skilled Trades program has been promoting skilled trades as viable career options for over six years. Awareness and resources are accessible through the web site, Source newsletter, events, and the Skilled Trades Alliance.

# EXHIBITORS

**THRESHOLD SCHOOL OF BUILDING, Hamilton**  
[www.thresholdschool.ca](http://www.thresholdschool.ca)

Our exhibit will show the renovation process of a house. The participants will learn how to lay tiles, hang drywall, wire receptacle boxes, fix simple plumbing fixtures as well as enjoy some contests such as timed hammering games and guessing different commonly used items in a renovation project. This exhibit reflects our school, as we work on affordable housing projects and offer courses for home renovation. It is important to educate women about careers in the trades because we feel that women don't necessarily have the same type of exposure to the trades, and we would like to change that.

The Threshold School of Building is a not-for-profit organization and registered charity offering practical house-building instruction to the general public. Courses include "hands-on" training while working on a local affordable housing project. The philosophy of Threshold School of Building is simple: teach building skills to the community and with that new knowledge and active participation, help Hamilton sustain its stock of affordable housing.

**TRANSPORT CANADA, North York**  
[www.tc.gc.ca](http://www.tc.gc.ca)

Participants will be provided with information regarding careers within Transport Canada's various transportation modes (air, marine, rail and road). They will be given the opportunity to dialogue with one of our Civil Aviation Enforcement Inspectors (a female pilot) about her challenging and interesting career in Civil Aviation. Also, they will be able to access to our website to view jobs currently available.

Transport Canada aims to ensure the best transportation system for Canada. Our goal is to involve more women in the range of occupations that are available at Transport Canada thus contributing to the Federal government's goal of increasing diversity and creating a workplace that is reflective of the Canadian labour market.

**UNITED BROTHERHOOD OF CARPENTERS & JOINERS OF AMERICA, Hamilton**

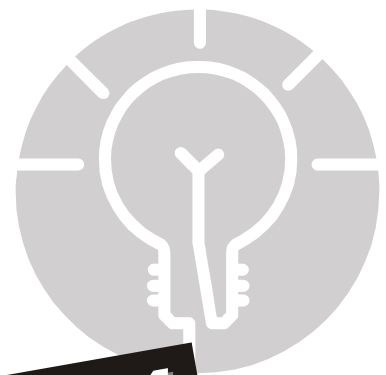
Visitors to our booth will be able to participate and watch a hammer and nailing demonstration. They will also view a demonstration of a drywall screw gun and a fall arrest demonstration. These tasks are some of the things we do in our trade everyday.

The United Brotherhood of Carpenters represents and offers training to North America's carpenters, cabinetmakers, millwrights, piledrivers, lathers, framers, floorlayers, roofers, drywallers, and workers in forest-products and related industries.

**WORKERS ARTS & HERITAGE CENTRE, Hamilton**  
[www.wahc-museum.ca](http://www.wahc-museum.ca)

Workers Arts & Heritage Centre offers participants the opportunity to try on health and safety gear; view a display of past and present exhibits from the centre, learn about the history of workers both male and female, and get updated on upcoming programs.

Workers Arts And Heritage Centre preserves and celebrates the arts, culture and heritage of working people in Canada. It is located in the historic Custom House in Hamilton, Ontario, but its activities reach across the country through travelling exhibits and research projects.



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## TRADES & TECHNOLOGY FACTS AND STATS

- \* Number of skilled trades that pay salaries above national average: 20.
- \* The average age of a fully qualified tradesperson is over 48 years old. That means that in the next 7-10 years, there is going to be almost 100% turnover in many skilled trades.
- \* Women represent only seven per cent of the workforce in transportation, trades and construction work and only about one in five professionals in natural sciences, mathematics and engineering.
- \* Percentage of Canadian steelworkers due to retire by 2006: 45%.
- \* The Automotive Parts Manufacturers Association forecasts a 42% vacancy rate for skilled trades by 2007 – nearly 34,000 jobs but only 20,000 skilled workers will be available.
- \* By 2005, Ontario will need more than 56,000 new high-tech professionals but only 14,000 people will graduate in technology fields.
- \* Women represent only 4% of apprentices in non-traditional occupations.
- \* Only 10% of registered apprentices in Ontario are females and they are concentrated in lower paying service occupations.
- \* 89% of companies with 500-1000 employees are concerned about an impending shortage of skilled workers.
- \* The skilled trades in most demand include: Tool & Die Maker, General Machinist, Industrial Mechanic/Millwright, Pattern Maker, Mould Maker and Industrial Electrician.
- \* In 2002, skilled trades became the fifth largest job listings category on workopolis.com. Among these top five job categories, the skilled trades saw the greatest increase in job postings in 2002, up 60 per cent from January to November.
- \* Canada faces a looming labour shortage of up to one million skilled workers by 2020.

*Sources:* Canadian Advances Technology Association, Ontario Women's Directorate, Ontario Ministry of Education, Automotive Parts Manufacturing Industry, Workopolis.com

AND STATS

# CAREER QUIZ

## What Career Field Interests You?

The things you like to do can often give you an idea of the kind of job that you would be good at. What are you interested in? Do you know the field of work you would enjoy most?

Here's an exercise that can help you sort out your interests. Respond "Yes" or "No" to the statements in this quiz.

### Your Interests = Your Career Quiz

- |  |                              |                             |
|--|------------------------------|-----------------------------|
| 1. I'd rather make something than read a book.                   | <input type="checkbox"/> yes | <input type="checkbox"/> no |
| 2. I enjoy problem-solving games and working at puzzles.         | <input type="checkbox"/> yes | <input type="checkbox"/> no |
| 3. I like helping other people when they need it.                | <input type="checkbox"/> yes | <input type="checkbox"/> no |
| 4. I enjoy reading and learning about new topics.                | <input type="checkbox"/> yes | <input type="checkbox"/> no |
| 5. I like working with my hands.                                 | <input type="checkbox"/> yes | <input type="checkbox"/> no |
| 6. I like being the leader in a group of people.                 | <input type="checkbox"/> yes | <input type="checkbox"/> no |
| 7. I prefer to know all the facts before I tackle a problem.     | <input type="checkbox"/> yes | <input type="checkbox"/> no |
| 8. I like to take care of other people.                          | <input type="checkbox"/> yes | <input type="checkbox"/> no |
| 9. I enjoy designing, inventing or creating things.              | <input type="checkbox"/> yes | <input type="checkbox"/> no |
| 10. I enjoy expressing myself through art, music, or writing.    | <input type="checkbox"/> yes | <input type="checkbox"/> no |
| 11. I would like a job where I can deal with people all day.     | <input type="checkbox"/> yes | <input type="checkbox"/> no |
| 12. I like working with materials and equipment.                 | <input type="checkbox"/> yes | <input type="checkbox"/> no |
| 13. I enjoy learning new facts and ideas.                        | <input type="checkbox"/> yes | <input type="checkbox"/> no |
| 14. I find co-operating with other people comes naturally to me. | <input type="checkbox"/> yes | <input type="checkbox"/> no |
| 15. I like finding out how things work by taking them apart.     | <input type="checkbox"/> yes | <input type="checkbox"/> no |
| 16. I would rather work with machines and things than people.    | <input type="checkbox"/> yes | <input type="checkbox"/> no |
| 17. I can usually persuade people to do things my way.           | <input type="checkbox"/> yes | <input type="checkbox"/> no |
| 18. I enjoy building and repairing things.                       | <input type="checkbox"/> yes | <input type="checkbox"/> no |
| 19. I enjoy the research parts of my project.                    | <input type="checkbox"/> yes | <input type="checkbox"/> no |
| 20. I like being with people.                                    | <input type="checkbox"/> yes | <input type="checkbox"/> no |
| 21. I enjoy thinking up different ideas and ways to do things.   | <input type="checkbox"/> yes | <input type="checkbox"/> no |
| 22. I like hearing other people's opinions.                      | <input type="checkbox"/> yes | <input type="checkbox"/> no |
| 23. I enjoy learning how to use different tools.                 | <input type="checkbox"/> yes | <input type="checkbox"/> no |
| 24. I find it easy to follow written instructions.               | <input type="checkbox"/> yes | <input type="checkbox"/> no |

To find out areas of work that may interest you, compare your answers to the numbers in the following groups:

#### **Questions: 1, 5, 9, 12, 15, 16, 18, 23**

If you responded "Yes" to most of these numbers, you are probably a "hands-on" type of person. You like to work with tools and machines, make things with your hands, fix and maintain equipment, or find out how things work. Jobs you might like are found in engineering, product manufacturing, construction, repair and servicing, transportation, trades and technology.

#### **Questions: 2, 4, 7, 10, 13, 19, 21, 24**

If you have responded "Yes" to most of these numbers, you are probably an "information" person. You like to express yourself through writing, music, or art, perform experiments or research, solve puzzles and problems, or study and read. Jobs dealing with information are found in arts and entertainment, business and finance, scientific research, sales and services, tourism, law and government.

**Are you a "hands-on" or "information" type of person?** \_\_\_\_\_.

## EXPLORE TRADES & TECHNOLOGY ON THE INTERNET

Apprenticesearch.com

**www.apprenticesearch.com**

Matches people looking for apprenticeship opportunities and employers offering apprenticeship training and jobs.

Apprenticeship Pathways

**www.edu.gov.on.ca/eng/training/  
apprenticeship/skills/pathways.pdf**

Features step by step information on opening doors to skills opportunities.

Canadian Apprenticeship Forum

**www.caf-fca.org**

Promotes apprenticeship as an effective training and educational opportunity.

Canadian Technology Human Resources Board

**www.cthrb.ca/Labour\_Market**

Provides information about technology standards and profiles current industry statistics.

Careers in Trades

**www.careersintrades.ca**

All you need to know about careers in skilled trades - *A career you can build on.*

Career Options for Women

**www.careeroptions.org/  
careeroptions/home.htm**

An on-line televised series about women who work in non-traditional occupations highlighting their career experience.

Inventory of Programs and Services

**http://ips.iwin.ca**

An inventory of programs and services which assists job seekers, employment service providers, community agencies, and the public.

Made With The Trades

**www.madewiththetrades.com**

Construction Careers trivia game and much more...

Opportunity Knocks (*hot careers in the trades*)

**http://realm.net/opportunityknocks**

Presents a list of hot careers in the trades including trades news.

Skill-ed.Com

**www.skill-ed.com**

A website featuring information on international apprenticeship opportunities.

Skilled Trades

**www.skilledtrades.ca**

This site is for parents, employment service professionals, and others to access more information about careers in the skilled trades.

Skills Canada

**www.skillscanada.com**

Actively promotes careers in skilled trades and technologies to Canadian youth.

Skills Connect

**www.edu.gov.on.ca/skills.html**

Hosted by the Ontario Ministry of Education, this website presents employment programs and training and career planning.

Skills Canada – Ontario/ Skills Work!

**www.skillsontario.com**

**www.skillswork.com**

These websites aims to encourage young Ontarians to consider the skilled trades and technologies as viable first-choice career options.

Society of Canadian Women in Science and Technology

**www.harbour.sfu.ca/scwist**

The goal is to promote and encourage women to enter into the field of science and technology.

Tradeability

**www.tradeability.ca**

This is a site devoted to skill trades. Their aim is to honour the abilities and knowledge of tradespersons.

Women in Engineering

**www.ee.ryerson.ca/~womeng**

Ryerson's Women in Engineering web site (*note: currently under renovation, will be back up early 2005*).

# RESOURCES

# INTERNET

## Hamilton Training Advisory Board

# ***Business, Labour & Community: Partners in Workforce Development***

Established in 1997, the Hamilton Training Advisory Board is one of twenty-one Local Boards in Ontario. HTAB is a not-for-profit organization that draws on the expertise of a broad cross-section of our community to enable us to better identify and address existing and anticipated labour force needs.

At HTAB, we envision a healthy community where everyone achieves his or her potential. To accomplish this goal we:

- Profile the trends, opportunities, and priorities of Hamilton's labour market
- Identify skills shortages and future training requirements
- Share our research with the community to facilitate labour force planning and training
- Undertake projects and partnerships that address labour force issues

**Log on to HTAB's website at [www.htab.ca](http://www.htab.ca) and you will:**

**Discover** our community **Projects and Partners** promoting labour force development.

**Learn** about local labour market trends, opportunities, and priorities in our **Publications**.

**Connect** to **Links** on training, employment, and labour market information.



Hamilton Training Advisory Board

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