



PROGRAM SPONSORS:



ORIENTATION TO TRADES AND TECHNOLOGY

WOMEN AGES 17 -22 (TOTT)



WOMEN IN RESOURCE DEVELOPMENT CORPORATION

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WRDC
EDUCATIONAL
RESOURCE
CENTRE

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LIST OF TRADES AND TECHNOLOGY JOBS

(Samples only not an exhaustive list)

- Aircraft Mechanics
- Agricultural Engineers
- Architectural Technologists
- Autobody Mechanics
- Carpenters
- Construction Electricians
- Control Room Operators
- Electrical Power Line Workers
- Engineering Technologists
- Heavy Equipment Operators
- Instrumentation & Control Technicians
- Mineral Technologists
- Marine Engineers
- Machinists
- Mining Engineers
- Non Destructive Testing Technicians
- Petroleum Technologists
- Pipefitters
- Plumbers
- Petroleum Engineers
- Remote Operated Vehicle (ROV) Operator
- Riggers
- Welders



TECHSPLOATION - OTT PROGRAM

Orientation to Trades and Technology (TOTT) is a program developed by WRDC to give women a practical experience of natural resource-based industries. TOTT, which is delivered by the College of the North Atlantic, raises the awareness that **challenging, high-paying jobs** in natural resource industries are available and attainable for women.

Specifically, TOTT is designed to provide a safe and supportive environment for women to explore trades and technology training programs. For many women, TOTT can be the first step toward a fulfilling and lucrative career.

THE PICTURE OF NEWFOUNDLAND AND LABRADOR

Newfoundland and Labrador is rich in natural resources such as oil and gas, minerals, fish and forests. The past 10 years have seen much change in the industries that develop these resources. New technologies, new discoveries and new attitudes have led to growth in natural resource industries - leading to an increase in jobs.

In 2000, WRDC surveyed 135 major companies in the Petroleum Industry in this province. The report, "Where are the women?", revealed that women represent approximately 1.5% of the trades, technological and scientific workforce in that sector.

In 2002, WRDC looked at the situation of women apprentices in the province and found that only 1.2% of apprentices registered in industrial trade occupations are female.

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"I applied for the TOTT program because it gives me the opportunity to figure out what I like and where I want to be in life. I hope to gain knowledge of my interest better, and gain an exciting career path/goal to reach by participating in TOTT."

TOTT Applicant

PROGRAM OUTLINE (TENTATIVE)

Essential Work Skills

Occupational Health and Safety, Workplace Hazardous Management Information Systems (WHMIS), Occupational Fitness, Standard First Aid and CPR.

Personal Development

Problem Solving, Goal Setting, Women in Society, Influencing Workplace Culture and Gender Sensitivity Training.

Hands-On Training

Orientation to Carpentry, Welding, Heavy Equipment Operations, Industrial Electrical, Electrical Engineering, Blueprint Reading, Civil Engineering, Millwright and Motor Vehicle Repair.

Exploration of the Natural Resource Sector

Environmental considerations and exploration of the natural resources: oil and gas, fishery, mining and forestry.

Workplace Experience

Some job shadowing.

TOTT is built on the success of WRDC's Techsploration program and the regular OTT program. This initiative has grown from the support of our industry partners, Hebron and Hibernia Management, recognizing a need for a program that introduces female youth to the skilled trades. A program where women, having just graduated high school, could gain exposure and hands on experience to various careers in the skilled trades.

ELIGIBILITY

- Demonstrate an interest in pursuing a career in trades and technology in the natural resource industry
- A personal interview and assessment may be required
- A high school graduate

**Women ages 17 - 22 are invited to apply.
Tuition for 16 successful applicants will be fully funded.**

RESULTS

Between 1999 and 2013, more than 60 OTT programs have been offered throughout Newfoundland and Labrador. Over 600 women have graduated from an OTT Program. OTT graduates are everywhere; in schools doing a trade or technology program; at work getting hours as apprentices; owning their own businesses; here in Newfoundland and Labrador, and all across the country.

WRDC sees OTT graduates, at the end of their study program, get into exciting, well-paying jobs.