

Course: **Powerline Technician Level 1**

For registration, please contact Angela Graham, Hydro One Work Methods & Training at 1-877-647-2872 ext. 2003, or email at angela.graham@hydroone.com

This is an introduction to activities and core skill tasks specific to the Red Seal requirements of the Lines Trade. During this training session the student will be introduced to various outdoor performance-based activities under de-energized conditions where the student is assessed on his/her abilities. Outdoor activities will include RBD Operation, Setting Poles, Pole Line Construction, Pole Top Rescue, Bucket Rescue and Evacuation, Tower Climb and Rescue, Meter Base Connections, Secondary Underground Cable Splice and Temporary Support of Poles.

The knowledge based components will include all theoretical applications of the above tasks, Utility Work Protection Code, Introduction to Electrical Theory, Series and Parallel Circuits, Introduction to Rigging Techniques, Conductor Weights and Tensions, Equipotential Grounding and Bonding.

Date(s):	March 15 – 26 May 31 – June 11 Sept – 27 Oct 8 Nov 29 – Dec 10	Cost:	\$3443.00 + \$140 MTCU Classroom Fee + GST if a Registered Government Apprentice.
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Course Length:	9 ½ days	Location:	Kleinburg Training Ctr.
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Additional Information

**Utility must register the apprentice via Ontario's Ministry of Training, Colleges and Universities through the local Ministry Office.

Prerequisites & Pre-course requirements:	3 months minimum line exposure at home utility, must be able to climb, successful completion of the Utility Linesperson Orientation on the job training program.
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Log Book:	The Powerline Technician Log Book will be provided with the Orientation training material.
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Accommodation/Meals:	Accommodation (Pg.6) is the responsibility of employer. Lunch will be provided by Training Agency.
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Course: **Powerline Technician Level 2**

For registration, please contact Angela Graham, Hydro One Work Methods & Training at 1-877-647-2872 ext. 2003, or email at angela.graham@hydroone.com

As pre-course studies the student will complete theoretical knowledge based topics, including Transmission and Distribution of Electric Power, Rubber Protective Equipment, the Underground Distribution System, Ampact tool, Insulated Aerial Device, Hydraulic and Mobile Work Equipment.

In the Central Learning Session the student will perform core skill tasks and be assessed on his/her performance. Central learning course objectives will include: protective coordination, street-lighting, install secondary service, install/remove inline switches from a pole and bucket truck, install single phase transformer, insulator change using rubber gloves, splice XLPE (Cross Link Polyethylene Cable), install stress cone, install load break elbow, install/remove pole using an RBD under energized conditions, install grounds on transmission circuit, change suspension insulator and damper on transmission circuit.

Date(s):	Feb 22 – March 5 May 3 – 14 June 14 – 25 September 13 – 24	Cost:	\$3443.00 + \$140 MTCU Classroom Fee + GST if a Registered Government Apprentice.
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Course Length:	9 ½ days	Location:	Kleinburg Training Ctr.
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Additional Information

**Utility must register the apprentice via Ontario's Ministry of Training, Colleges and Universities through the local Ministry Office.

Prerequisites & Pre-course requirements:	Successful completion of Level1 and up to three days of self study must be completed prior to attending the training session. Training manuals to be sent out ahead of scheduled training activities.
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Field Assignments:	Practice Level II skills
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Text:	Lines Level II training manual.
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Accommodation/Meals:	Accommodation (Pg.6) is the responsibility of employer. Lunch will be provided by Training Agency.
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Course: **Powerline Technician Level 3**

For registration, please contact Angela Graham, Hydro One Work Methods & Training at 1-877-647-2872 ext. 2003, or email at angela.graham@hydroone.com

As pre-course studies the student will complete theoretical knowledge based topics, Electrical Theory, Identification of Live Line Tools, Rigging, Stringing Operations, RBDs with Bucket Attachment as a Work Platform.

In the Central Learning Session the student will perform core skill tasks and be assessed on performance. Course objectives to include: rubber glove activities up to 15 kV, various live line stick work activities from a pole up to 50 kV, change dead-end insulators on transmission circuits de-energized, change 9 insulators – Rubber Gloves and pole platform, use of RBD/Bucket combination equipment for various tasks and 3 phase transformer bank with MHAD.

Date(s):	February 22 – March 5 March 15 – 26 June 14 – 25 October 18 – 29	Cost:	\$3443.00 + \$140 MTCU Classroom Fee + GST if a Registered Government Apprentice.
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Course Length:	9 ½ days	Location:	Kleinburg Training Ctr.
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Additional Information

**Utility must register the apprentice via Ontario's Ministry of Training, Colleges and Universities through the local Ministry Office.

Prerequisites & Pre-course requirements:	Successful completion of Level II course and up to three days of self study must be completed prior to attending the training session. Training manuals to be sent out ahead of scheduled training activities.
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Field Assignments:	Practice Level III skills
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Text:	Lines Level III training manual.
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Accommodation/Meals:	Accommodation (Pg.6) is the responsibility of employer. Lunch will be provided by Training Agency.
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Course: **Powerline Technician Level 4**

For registration, please contact Angela Graham, Hydro One Work Methods & Training at 1-877-647-2872 ext. 2003, or email at angela.graham@hydroone.com

As pre-course studies the student will complete theoretical knowledge based topics, Electrical Theory Review, Three Phase Systems - Wye and Delta Review, Insulated Aerial Device / Stability and Contamination Checks, Utility Work Protection Code Overview, Meter Hazards.

In the Central Learning session the student will perform core skill tasks and be assessed on his/her performance. Course objectives will include various tasks from an aerial device incorporating live line tool techniques, high voltage rubber glove certification, vertical semi-strain insulator changes from a double bucket truck, underground cable terminations using pre molded kits and practice equipotential grounding and bonding techniques, change cross-arm on a 115kV H frame.

Date(s):	February 1 – 12 February 22 – March 5 April 19 – 30 August 23 – Sept 3 November 1 – 12	Cost:	\$3443.00 + \$140 MTCU Classroom Fee + GST if a Registered Government Apprentice. <i>(\$4843.00 + GST for a non-government apprentice)</i>
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Course Length:	9 ½ days	Location:	Kleinburg Training Ctr.
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Additional Information

**Utility must register the apprentice via Ontario's Ministry of Training, Colleges and Universities through the local Ministry Office.

Prerequisites & Pre-course requirements:	Successful completion of Level III and up to three days of self study must be completed prior to attending the training session. Training manuals to be sent out ahead of scheduled training activities.
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Field Assignments:	Practice Level IV skills
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Text:	Lines Level IV training manual.
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Accommodation/Meals:	Accommodation (Pg.6) is the responsibility of employer. Lunch will be provided by Training Agency.
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Certification:



The successful completion of the session combined with appropriate experience entitles the participant to The MEARIE Group's Certificate for registration as a Powerline Technician.



Course:

Powerline Technician Assessment Program

For registration, please contact Angela Graham, Hydro One Work Methods & Training at 1-877-647-2872 ext. 2003, or email at angela.graham@hydroone.com

This is an assessment tool designed to determine the entry level of an experienced line worker into the apprenticeship program. The program can also be used for core competency evaluation and training needs analysis.

This assessment includes both written and practical demonstrations of competence covering all aspects of the formal apprenticeship training.

The assessment begins with a 1-day written test provided free-of charge to identify knowledge level. If the applicant meets the basic assessment standards, the 3-day practical testing is then scheduled. At the completion of the 3-day practical assessment a written evaluation report is sent to the employer identifying the participant's level of qualification and suggested entry into the training programs.

Date(s):	Upon Request	Cost:	\$1,988.00 + GST
Course Length:	1 day written testing at the employer's site, followed by a 3 day practical testing at the Kleinburg Training Facility. Modified course arrangements can be made to utilize customer facilities.	Location:	Kleinburg Training Ctr.
Prerequisites & Pre-course requirements:	Prior line work experience, documented registration in a certified Powerline Technician Apprenticeship program is required.		
Field Assignments:	Written and practical demonstrations		
Accommodation/Meals:	Accommodation (Pg.6) is the responsibility of employer. Lunch will be provided by Training Agency.		



Course: Powerline Technician Red Seal Certification Prep Course

For registration, please contact Angela Graham, Hydro One Work Methods & Training at 1-877-647-2872 ext. 2003, or email at angela.graham@hydroone.com

This 2-day course is ideal for established Apprentices who want to learn more about the Red Seal certification and exam process.



This course has been designed to assist Apprentice Powerline Technicians interested in writing the Red Seal Exam to refresh theoretical knowledge of core skills and competency levels. Participants will be required to demonstrate their ability to answer both verbal and written questions pertaining to the Powerline Technician Apprenticeship Program and write a practice exam that mirrors the Red Seal Exam.

- Day 1**
 Red Seal Introductory
 Red Seal Exam Process
 Review of Core Skills
- Day 2**
 Write 3 hour Practice Test
 Review Practice Test
 Review Red Seal Application Process

Date(s):	Upon Request	Cost:	\$ 755.00 + GST
Course Length:	2 Days	Location:	Kleinburg Training Ctr.
Prerequisites & Pre-course requirements:	Successful completion of Powerline Technician, Level IV		
Accommodation/Meals:	Accommodation (Pg.6) is the responsibility of employer. Lunch will be provided by Training Agency.		

