

IBEW LOCAL 353

THANK YOU TO OUR VALUED INSTRUCTORS

Alan Aalto
Ticha Albino
Mike Arruda
Cameron Bidwell
James Black
Robert Burns
Matthew Carlson
Glenn Chapman
John Chin
Jonathan Cuco
Peter Darnbrough
Steve Dempsey
Leah Doyle
Catherine Ferguson
Mark Granieri
James Gribben
Neil Guyatt
Scott Harris

Ralph Heath
Mauricio Herrera
Bob Humphries
Derrick Kellar
Chris Kotwas
Mark Kowtiuk
Cindy Krysac
Joel Liburd
Shawn Low
Malcolm Macdonald
Ben Maynard
Daryl McKinnon
Tom Miller
Michael Nock
Akmal Omarzayi
Luis Pires
Mike Rogge
Slava Rolinsky

Marvin Rosenberg
Jon Shaw
Lorne Sherk
Eric Silva
Mike Sosnowski
Mark Steane
Jim Stewart
Tom Takacs
Diane Valentine
Paul van Fraassen
Arthur Verway
Chris Wachna
James Walker
Brad Watt
Ian Watt
Sharon Watt

Training Course Catalogue
Fall 2023



FALL 2023 COURSE CALENDAR

REGISTRATION OPENS

Monday August 21, 2023 at 7:30am

COURSE REGISTRATION POLICY

To register for an Education and Training course, please follow the instructions below:

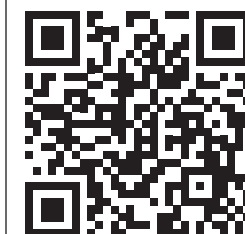
1. Register online <https://tinyurl.com/23bdkmu7>, or;
2. Use the QR Code to take you to the online registration form, or;
3. Fill out the registration form and use the **self-addressed stamped envelope** to mail to:

IBEW Local 353

Fall 2023 Course Registration

Toronto Training Centre
1377 Lawrence Ave. East
Toronto, ON M3A 3P8

4. Fill out the registration form in the middle of the book, and deposit in the drop boxes at any of our training centres.



*****Please note that registrations that are received PRIOR to August 21, 2023 are drawn **lottery-style** at the end of the day*****

WE DO NOT TAKE ANY PHONE REGISTRATIONS.

Registration opens Monday August 21 at 7:30am and are processed on a first-received-first-served basis.

Applications for second courses will ONLY be processed if space is available after September 1, 2023.

CANCELLATION POLICY

If you are unable to attend a course, or if you are going to be absent, please be courteous and contact the Education and Training department prior to the start date. This opens up space for other members to attend our programs.

If you don't notify the office prior to the start of the course, an administrative fee of \$75.00 will be levied.

For cancellations or missed classes, please notify the Education and Training department.



416.510.5265



learning@ibew353.org



416.510.5285



<http://lu353.com/CancelAbsence.html>

Course Name	Course Start Dates						
	Pg #	Location	Mon.	Tue.	Wed.	Thu.	Sat.
309A Pre Exam	10	Online		Sept. 26			
A.C Motor Control - Level I 'A'	5	Mississauga		Sept. 26			
A.C Motor Control - Level I 'B'	5	Barrie					Oct. 14
AutoCAD Essentials for Electricians - Level I	10	Mississauga	Sept. 25				
AutoCAD Essentials for Electricians - Level II	10	Mississauga		Oct. 3			
Basic Certification - Part I	15	Online	Sept. 25				
Certification - Part II - Construction Sector	15	Online			Oct. 4		
Certification - Refresher	15	Online		Oct. 17			
Computer Operations - Level I	9	Oshawa	Sept. 18				
Computerized Electrical Estimating - Part I	13	Mississauga				Oct. 5	
Conduit Fabrication - Level I 'A'	11	Toronto	Sept. 25				
Conduit Fabrication - Level I 'B'	11	Oshawa		Oct. 3			
Conduit Fabrication - Level I 'C'	11	Mississauga			Oct. 4		
Configuring & Troubleshooting Networks	10	Toronto		Sept. 26			
Electrical Code Review	11	Online		Oct. 3			
Electrical Vehicle Infrastructure Program 'A'	14	Mississauga				Sept. 28	
Electrical Vehicle Infrastructure Program 'B'	14	Oshawa		Oct. 3			
Electrical Vehicle Infrastructure Program 'C'	14	Toronto			Oct. 4		
Electrical Estimating - Introduction 'A'	13	Oshawa		Sept. 26			
Electrical Estimating - Introduction 'B'	13	Mississauga			Sept. 27		
Electrical Estimating - Introduction 'C'	13	Toronto		Oct. 3			
Fibre Optics - Level I	9	Oshawa	Sept. 18				
Fibre Optics - Level II	9	Toronto	Sept. 18				
Fire Alarm & Protection Systems - Level I 'A'	7	Mississauga	Sept. 18				
Fire Alarm & Protection Systems - Level I 'B'	7	Oshawa/Blended		Sept. 19			
Fire Alarm & Protection Systems - Level I 'C'	7	Mississauga			Sept. 27		
Fire Alarm & Protection Systems - Level I 'D'	7	Toronto			Sept. 27		
Fire Alarm & Protection Systems - Level II 'A'	7	Toronto	Sept. 11				
Fire Alarm & Protection Systems - Level II 'B'	7	Mississauga		Sept. 12			
Fire Alarm & Protection Systems - Level III 'A'	7	Mississauga	Sept. 18				
Fire Alarm & Protection Systems - Level III 'B'	7	Toronto		Sept. 19			
Fire Alarm & Protection Systems - Level IV	8	Toronto		Sept. 12			
Fire Alarm Certificate Renewal	8	Online			Sept. 13		
First Aid & CPR 'A'	14	Barrie					Oct. 14
First Aid & CPR 'B'	14	Oshawa					Oct. 28
First Aid & CPR 'C'	14	Mississauga					Nov. 18
First Aid & CPR 'D'	14	Toronto					Nov. 25
Fluke Networks CCTT - Copper Modules	8	Toronto			Sept. 20		
Fluke Networks CCTT - Fibre Modules	8	Toronto			Nov. 1		
Google Workspace - Level II	9	Toronto		Oct. 3			
Introduction to Thermography	14	Mississauga				Oct. 5	
Masters License - Pre Exam	11	Online		Sept. 26			
Mental Health First Aid	15	Online					Oct. 7
MicroLogix RSL500 Family of PLCs	5	Toronto			Sept. 27		
Programming Automation Systems - Level I	6	Oshawa/Blended		Oct. 3			
Programming Automation Systems - Level II	6	Oshawa/Blended				Oct. 5	
Solar Energy - Level I	13	Toronto				Sept. 21	
Solar Energy - Level II	13	Toronto	Oct. 16				
The Working Mind	15	Online					Dec. 2
Trade Applications	11	Mississauga				Sept. 28	
Traffic Signals	6	Toronto		Sept. 26			
Variable Frequency Drives - Level I	6	Oshawa	Oct. 2				
Variable Frequency Drives - Level II	6	Oshawa				Oct. 5	
Welding - Level I	12	Oshawa			Nov. 1		
Welding - Level II (Certification)	12	Mississauga			Nov. 1		
Welding - The Fundamentals 'A'	12	Mississauga	Sept. 11				
Welding - The Fundamentals 'B'	12	Oshawa	Sept. 11				

COURSE ELIGIBILITY

Courses are open to Journeypersons and Senior Apprentices who have successfully completed Advanced Trade School **unless otherwise noted in the prerequisite of the course description.**

Courses marked with an asterisk (*) are open to all members.

TEXTBOOKS AVAILABLE

The Education Committee has the following textbooks available for purchase at the Local Union office:

- Electricians Guide to AC Motor Control
- Electricians Guide to Conduit Bending
- Ugly's Electrical Reference Guide
- Occupational Health & Safety Act Regulations
- Canadian Electrical Safety Code
- The Illustrated Code Series Electrical

COURSE AMENDMENTS

Any requests for amendments to the final marks and standing shall be made no later than the end of the next semester.

COURSE REIMBURSEMENT

Members who enroll in trade related courses other than those offered by the Local may be eligible to have the course fee reimbursed under the following guidelines:

- The application form must be completed in FULL.**
- Include a course outline, proof of payment and proof of successful completion and/or attendance.
- The course must be trade related as determined by the Education Committee.
- The applicant will be reimbursed when the following requirements are met:
 - Attending 80% of the course program
 - Successful completion
 - Any pre-exam course applicant must write and pass that specific exam (and provide proof such as a copy of your license).

There is a ceiling of \$250.00 per calendar year. Reimbursement applications are available at the Local Union Office reception or through the education department. **It takes approximately 4 – 8 weeks to process requests. They are approved on a monthly basis by the Education Committee.**

From the Director's Desk

Welcome from Susan Boorman, Director of Education and Training

Welcome to those members who might be opening this Fall 2023 catalogue for the first time and to the many members who have taken courses in the past. This semesters lineup of courses provides a little something for everyone, whether you need to refresh some old skills or are wanting to step outside the box and take on the challenge of a new subject. We hope you take advantage of the large variety of courses made available across the various training centres. The education and training department is working for you and continues to meet the challenges of keeping up with the rapid pace of change within our industry. Take the time to look over the catalogue, as members education and training belongs to you.



Susan Boorman

Director of Education and Training
IBEW Local 353

IBEW 353 EDUCATION AND TRAINING

LEARN MORE, BE MORE.

EDUCATION FUND TRUSTEES

Lee Caprio Business Manager/ Financial Secretary
Jodi Hill President

LOCAL 353 EDUCATION & TRAINING CENTRES

Susan Boorman Director of Education and Training
Brent Morgan Education Coordinator

EDUCATION & TRAINING INFORMATION LINE (416) 510-5284

Press	For:
1	Course cancellations
2	Notices
3	Education Office
7	Repeat menu
8	Return to education menu
9	Return to main menu

FALL 2023 COURSES

CONTROLS

A.C. Motor Control – Level I

Prerequisite – Third term Apprentice.

This course is designed to introduce the students to the development of A.C. Motor Controls and give them an understanding of their function and uses. The course content includes an in-depth study of reading basic control circuits and sequences of operation, and designing a schematic control circuit including proper layout and wiring methods.

Hands-on wiring projects include start/stop/jog, hand/off/auto, interlocking and forward/reverse applications. The students will have the opportunity to draw control circuits used in conjunction with their assignments. These computerized circuits can then be put in a run mode and tested prior to wiring.

The course objectives are to strengthen the students logical thinking in reading and deciphering the information in control circuits.

Course A:..... ACMC 3/23
Start Date:..... Tuesday September 26, 2023
Time: 6:30pm - 9:30pm
Sessions: 11
Location:..... Mississauga Training Centre

Course B:..... ACMC 4/23
Start Date:..... Saturday October 14, 2023
Time: 9:00am - 2:00pm
Sessions: 6
Location:..... Barrie Training Centre

**“Teachers open the door,
but you must enter by yourself.”**

~Chinese Proverb

**REGISTRATION IS ON A
FIRST-COME-FIRST-
SERVED BASIS.**

If you are interested in taking two (2) or more courses for the Fall 2023 session, please call the information line at (416) 510-5284 or the education and training office after **September 1** for available courses.

MicroLogix RSL500 Family of PLCs

Prerequisite – Fourth term Apprentice or Journeyman Electrician and working knowledge of Windows Word and Excel. Some knowledge of Ladder Logic Programming is useful but not required.

This course consists of the following topics:

- Understanding SLC 500 or MicroLogix systems
- Identifying SLC 500 or MicroLogix system components
- Identifying project structure and execution in SLC 500 or MicroLogix software
- Configure local I/O and communication in a SLC 500 or Micrologix controller
- Storing and organizing data in SLC500 or MicroLogix systems
- Introduction to program editing
- Interpreting and developing ladder logic with bit instructions in SLC500 or MicroLogix systems
- Interpreting timer and counter instructions in ladder logic using RSLogix for SLC500 and MicroLogix software
- Peripheral operations
 - Program loading
 - Program printing
 - Searching
- Troubleshooting basics:
 - Hardware
 - Software

Integrated practice exercises will provide an opportunity to practice the skills obtained during the class discussion.

Members who successfully complete this course will be able to:

- Identify hardware components of a SLC500 and MicoLogix family programmable controller system
- Configure and install a basic SLC500 or MicroLogix programmable controller system
- Use a programming terminal for:
 - Entering, editing and troubleshooting programs
 - Storing, coping and printing programs
- Isolate processor and I/O faults to the module level
- Troubleshoot simple programs using ladder instructions of a SLC500 or MicroLogix controller
- Connect and establish communications.

Course No:..... SLC1 2/23
Start Date:..... Wednesday September 27, 2023
Time: 6:30pm - 9:30pm
Sessions: 11
Location:..... Toronto Training Centre

Variable Frequency Drives – Level I

Prerequisite - Fourth term Apprentice with successful completion of intermediate trade school.

This course introduces the student to variable frequency drives (VFDs), with an emphasis on the basic theory of VFDs and an understanding of their uses. Discussions will include simulated voltages, insulation class of motors, slip range, wiring methods, line and load reactors, and harmonics. We will also review troubleshooting, what effect ground faults have on VFDs, human interface modules (HIMs), and auxiliary motor fans and why they are used.

Students will learn proper installation and control methods and then have the opportunity to wire and program a VFD to perform commands such as controlled acceleration and deceleration of a motor.

Course No:..... VFD 2/23
Start Date:..... Monday October 2, 2023
Time: 6:30pm - 9:30pm
Sessions: 10
Location:..... Oshawa Training Centre

Variable Frequency Drives – Level II

Prerequisite – Successful completion of Variable Frequency Drives – Level I.

This course expands on the information you learned in Level I.

You will learn to configure a Variable Frequency Drive through PC Programming Software and an Advanced Graphic Keypad and get to know the advantages and disadvantages of both.

Students will be able to start up, configure main functions, troubleshoot and commission VFDs using these tools for various applications.

Course No:..... VFD2 2/23
Start Date:..... Thursday October 5, 2023
Time: 6:30pm - 9:30pm
Sessions: 10
Location:..... Oshawa Training Centre

Programming Automation Systems – Level I

Siemens PLC

In the beginning, the student will be graded on several assignments that focus on how to interface, program, and troubleshoot a Programmable Logic Controller (PLC). The concept of program languages and structures, reading and addressing I/O, tags, logic and functions are introduced and explained, as well as more advanced signals such as analog I/O. The in-person lab will give the student a chance to program a fully functional Siemens S71200 PLC with simulated inputs and outputs.

The final gradable assignment will be on bit logic, timers, counters, data types, and watch tables for commissioning and troubleshooting a PLC system.

This is a BLENDED program where the first five (5) sessions are online, followed by a full day in-person lab [schedule agreed upon within the class].

Course No:..... PAS1 2/23
Start Date:..... Tuesday October 3, 2023
Time: 6:30pm - 9:30pm
Sessions: 7
Location:..... Oshawa Training Centre -- BLENDED



Programming Automation Systems – Level II

Siemens PLC

Prerequisite – Successful completion of Programming Automation Systems – Level I.

This course will challenge the student who wishes to tackle complex instructions for Programmable Logic Controllers (PLC) and Human Machine Interfaces (HMI). The lessons will teach how to work with analog and PWM for controlling frequency drives. The student will learn how to program an HMI and share data with a PLC connected over Ethernet.

The in-person lab will give the student a chance to create their own fully functional automation system consisting of a PLC, HMI, Variable Speed Drive, and motor.

This is a BLENDED program where the first five (5) sessions are online, followed by a full day in-person lab [schedule agreed upon within the class].

Course No:..... PAS2 1/23
Start Date:..... Thursday October 5, 2023
Time:..... 6:30pm - 9:30pm
Sessions: 7
Location:..... Oshawa Training Centre -- BLENDED

Traffic Signals

Prerequisite – Third term Apprentice with successful completion of Intermediate trade school.

This program is designed to give the participant a general overview of the components that make up a signalized intersection, and how those components are put together to form a fully functional traffic signal installation. Safety while working in close proximity to vehicular traffic, conductors, signals, hardware and the traffic controller are just some of the topics that will be discussed. In-class instruction and demonstrations as well as practical lab assignments will give the participant a greater understanding of this unique area of our electrical industry.

Course No:..... TS1 1/23
Start Date:..... Tuesday September 26, 2023
Time:..... 6:30pm - 9:30pm
Sessions: 12
Location:..... Toronto Training Centre



FIRE ALARM

Members successfully completing the Fire Alarm & Protection Systems four-level program will receive a certification card. This card is recognized by the Fire Marshall's office for performing annual tests, inspections, repairs and alterations to existing Fire Alarm Systems as outlined in the Ontario Fire Code Reg. 213/07.

Fire Alarm – Level I

Installation of Fire Alarm Control Panels and Input & Output Devices

Prerequisite - Third term Apprentice with successful completion of intermediate trade school.

This course is designed to develop your fire alarm knowledge and practice with basic fire alarm components and their function in conventional electro/mechanical systems. You will design complete systems with layout, schematic and riser diagrams from basic systems for a commercial complex – complete with related hydro, ULC and building codes that are based on CAN/ULC-S524 "Standard for Installation of Fire Alarm Systems." This program is an introduction to the fire alarm industry, classes of wiring, codes, and installation of conventional fire alarm panels and devices.

Course A:..... FAI 5/23
Start Date:..... Monday September 18, 2023
Time: 6:30pm - 9:30pm
Sessions: 12
Location:..... Mississauga Training Centre

Course B:..... FAI 6/23
Start Date:..... Tuesday September 19, 2023
Time: 6:30pm - 9:30pm
Sessions: 12
Location:..... Oshawa Training Centre --- BLENDED

Course C:..... FAI 7/23
Start Date:..... Wednesday September 27, 2023
Time: 6:30pm - 9:30pm
Sessions: 12
Location:..... Mississauga Training Centre

Course D:..... FAI 8/23
Start Date:..... Wednesday September 27, 2023
Time: 6:30pm - 9:30pm
Sessions: 12
Location:..... Toronto Training Centre



Fire Alarm – Level II

Integrated Fire Alarm Controls EVAC Systems & Fire Alarm Extinguishing Control Panels

Prerequisite – Successful completion of Fire Alarm – Level I.

This course is designed to give students a complete and accurate look at the installation of a modern fire alarm system. Upon completion of this course the journeyman electrician should be capable of installing a complete fire alarm system and all aspects related to such systems. The course references the CAN/ULC-S537 "Standard for the Verification of Fire Alarm Systems." Level II continues from the first course with the installation of EVAC panels, extinguishing systems, and fire pumps.

Course A:..... FAI 3/23
Start Date:..... Monday September 11, 2023
Time: 6:30pm - 9:30pm
Sessions: 14
Location:..... Toronto Training Centre

Course B:..... FAI 4/23
Start Date:..... Tuesday September 12 2023
Time: 6:30pm - 9:30pm
Sessions: 14
Location:..... Mississauga Training Centre

Fire Alarm – Level III

Troubleshooting Complete Fire Alarm Systems

Prerequisites – Journeyman electrician and successful completion of Fire Alarm – Level II.

Previous fire alarm courses have dealt with external wiring methods. Fire Alarm Level III will take the Journeyman step-by-step into the internal workings of the fire alarm panels. This course is concerned primarily with troubleshooting techniques applied in a logical sequence and the student will be taught to identify and diagnose faults occurring on a variety of systems.

Upon completion, the student will have had the opportunity to develop proven troubleshooting and repair methods of fire alarm systems. The course references CAN/ULC-S536 "Standards for the Inspection and Testing of Fire Alarm Systems." This level deals with the operation of the fire alarm panel and focuses on system troubleshooting.

Course A:..... FAII 2/23
Start Date:..... Monday September 18, 2023
Time: 6:30pm - 9:30pm
Sessions: 14
Location:..... Mississauga Training Centre

Course B:..... FAII 3/23
Start Date:..... Tuesday September 19, 2023
Time: 6:30pm - 9:30pm
Sessions: 14
Location:..... Toronto Training Centre

Fire Alarm – Level IV

**Advanced Fire Alarm Control Panels:
Addressable Digital Analog Devices**

Prerequisite – Successful completion of Fire Alarm - Level III.

This course takes the student into the world of the microprocessor-based fire alarm systems. Along with this advanced technology comes the need to change the way we think of a fire alarm as well as the way we wire, install and maintain these life safety systems. Even the classifications of field wiring have had to change.

Topics covered include:

- Binary and hexadecimal counting
- Programming of smart detection devices
- How data is transmitted
- Use of fibre optics in computerized fire alarm systems
- How to install and set up these systems

Combining all this with the hands-on learning and shop work on these new systems, the student should be able to compliantly install these state-of-the-art pieces of equipment. The course references CAN/ULC-S527 "Standards for Control Units for Fire Alarm Systems".

Course No:..... FAIV 2/23
Start Date:..... Tuesday September 12, 2023
Time: 6:30pm - 9:30pm
Sessions: 14
Location:..... Toronto Training Centre

Fire Alarm Certificate Renewal

Prerequisite – Successful completion of Fire Alarm Level 4 or Certificate Renewal, and current CERTI-FIRE license holder.

Under the agreement with the Ontario Fire Marshall's Office, Fire Alarm Certificates must be renewed every five years. This program reviews the requirements of the ULC standards, the Ontario Building Codes, OHESC and the Ontario Fire Code – with emphasis on changes to the codes and installation methods and technology. Students will receive updated code information and upon successful completion have their certification renewed for five years.

Course No:..... FA REN 3/23
Start Date:..... Wednesday September 13, 2023
Time: 6:30pm - 9:30pm
Sessions: 12
Location:..... Online

TELECOMMUNICATIONS

Fluke Networks Certified Cabling Test Technician

Copper Modules

Prerequisite – Tech 1 or above or successful completion of Network Cabling – Level I.

The copper module section of this program will explore the DSX-5000 CableAnalyzer™ testing, introduction and common setting of Versiv™, exporting configuration and results, and copper test limits/standards. We will also look at adapter types and configuring for a twisted pair test, as well as making a measurement and reviewing the result. Students will review new test parameters, DC resistance unbalance, TCL, ELTCTL DSX diagnostics, HDTDX and HDTDR, single test, patch cord certification and Alien Crosstalk.

Course No:..... FLK-CM 2/23
Start Date:..... Wednesday September 20, 2023
Time: 6:30pm - 9:30pm
Sessions: 6
Location:..... Toronto Training Centre

Fluke Networks Certified Cabling Test Technician

Fibre Modules

Prerequisite – Successful completion of Fibre Optics – Level I.

The fibre module section of this program will examine the CertiFiber™Pro testing, basic fibre theory, encircled flux, configuring the CertiFiber™Pro, Fibre inspection and automated analysis. Students will also learn how to set a reference for a duplex link, LC-to-LC duplex and how to create a custom test limit. Students will review ISO/IEC 14763-3, which specifies systems and methods for the inspection and testing of installed optical fibre cabling, understanding how the connector losses differ from other standards and setting a reference for a simplex link.

Course No:..... FLK-FM 2/23
Start Date:..... Wednesday November 1, 2023
Time: 6:30pm - 9:30pm
Sessions: 6
Location:..... Toronto Training Centre

WE WANT YOU!

INSTRUCTORS NEEDED

The IBEW Local 353 Education and Training department is looking for instructors in a variety of subjects, especially Fire Alarm.

Interested members should send a cover letter and resume to learning@ibew353.org outlining your trade experience and relevant training. From there you will be contacted for an interview and if successful, a placement to complete a ride-along semester. Please put INSTRUCTOR INTEREST in the subject line.

Selected individuals will be placed with a senior instructor to be mentored as a ride-along instructor for one semester. This allows the individual to see how the course is delivered, become familiar with the curriculum and have the opportunity to deliver segments of the course while under the supervision of the senior instructor. After the ride-along is complete, the new instructor is given their own class to deliver in the next semester.

We look forward to hearing from our talented membership!

*Fibre Optics - Level I

In this updated program, students will learn about the world of Fibre Optics including:

- The basics of light transmission
- Safe handling procedures
- How to install connectors
- The basics of testing fibre cables

Students will also be preparing and terminating a variety of fibre connectors from top tier manufacturers. Connector styles include ST, SC, and LC used in current installations.

LSER Optimized fibre and its unique performance properties is also covered in this program. Also discussed is the important how's and why's of preparing a light budget.

When completed, the students will be able to actually apply their newly learned skills on the job.

Course No:..... FOI 2/23
Start Date:..... Monday September 18, 2023
Time: 6:30pm - 9:30pm
Sessions: 12
Location:..... Oshawa Training Centre

*Fibre Optics - Level II

Prerequisite – Fibre Optics – Level I.

Students will learn all aspects of fiber optic cable installation in a local area network environment. Both multimode and single-mode fiber types are covered. Cable placement, fusion and mechanical splicing, cable termination (connector installation and pigtail splicing) and acceptance testing are taught with extensive hands-on practice. Students will build, test and troubleshoot complete single-mode and multimode systems in this class. Also covered is the use of equipment, hardware and procedures pertaining to building distribution and campus applications.

This course includes a complete and authorized instruction of the Corning Fiber Installation (CFI) Course. Upon successful completion of the course, students will receive an additional certificate for completion of the Corning Fiber Installation (CFI) class and will be eligible for all the credits associated with the course.

Course No:..... FO2 1/23
Start Date:..... Monday September 18, 2023
Time: 6:30pm - 9:30pm
Sessions: 12
Location:..... Toronto Training Centre



COMPUTER STUDIES



*Google Workspace – Level II

Prerequisite – Google Workspace – Level I or equivalent experience.

This course is designed for anyone who has learned the fundamentals of Google Workspace and wants to take their learning and productivity to the next level.

This course is for those of you who want to improve your ability to analyze data or build spreadsheets for business or personal use and want to improve your management skills.

In this course you will progress from the fundamentals of Google Sheets, Docs, Forms and Slides and you will learn:

- Formulas like VLOOKUP, INDEX(MATCH()MATCH()) and IMPORTRANGE, pivot tables and query, etc.
- Voice typing, tags, footnotes, image editing, how to use addons, research tools and templates.
- How to create interactive forms, and view documents created on your cell phone.
- How to add graphics, music, and motion to Slides for amazing presentations, and,
- How to use collaboration tools.

Course No:..... GS2 2/23
Start Date:..... Tuesday October 3, 2023
Time: 6:30pm - 9:30pm
Sessions: 10
Location:..... Toronto Training Centre

*Computer Operations – Level I

Students will learn the fundamentals of computer use through classroom lectures and practical exercises using computers. Specific subject matter will include:

- Understanding startup and login
- Keyboard, mouse, monitor, printers and their ports
- The graphic user interface including icons, shortcuts and the desktop
- Introduction to the file system, including drivers and devices
- Using network applications including email and web browsers
- How to keep your computer safe and running smoothly

This course is recommended for members that may not be as proficient with computers as they would like to be. It is also a great place to start for those who are interested in other computer courses that are offered such as AutoCAD, Practical Computer Use and Computerized Electrical Estimating.

Course No:..... COMPOP 1/23
Start Date:..... Monday September 18, 2023
Time: 6:30pm - 9:30pm
Sessions: 12
Location:..... Oshawa Training Centre

*AutoCAD Essentials for Electricians – Level I

The AutoCAD Essentials course is designed for the beginner AutoCAD user. It covers just about all of the 2D AutoCAD commands. Even students with no previous CAD experience can progress quickly in this course that is arranged in a natural sequence that is easy to understand. Students immediately apply what they have learned from brief theory presentations in hands-on exercises.

This comprehensive course designed for the electrical trade covers: viewing and creating accurate drawings, editing, managing object properties, creating and inserting blocks, applying dimensions, annotations and hatch patterns, as well as plotting techniques. The emphasis is on the specifics of the tools in the software along with the necessary concepts and techniques used by electricians that allow users to be productive regardless of their drafting discipline.

Course No:..... CAD 2/23
Start Date:..... Monday September 25, 2023
Time: 6:30pm – 9:30pm
Sessions: 11
Location:..... Mississauga Training Centre

AutoCAD Essentials for Electricians – Level II

Prerequisite – AutoCAD Level I.

The AutoCAD Essentials – Level 2 course is designed for the AutoCAD user who has completed a Level 1 ACAD course. There will be a brief review of the commands and concepts learned in Level 1 in order to continue increasing your knowledge of this powerful program. This course, designed for the electrical trade, will take you beyond the basics so you can apply your understanding to the work you're doing in the field.

Building on the material learned in AutoCAD Level 1, this course will strengthen the skills gained in the introductory class. Advanced topics include layer control, printing, creating and editing viewports, block attributes, drawing references, navigating the AutoCAD tool palettes, and customizing the interface. In addition to weekly exercises, a final project will be assigned at the end of this course that will incorporate all materials learned in class and will be an example of drawings encountered in the industry.

Course No:..... CAD2 2/23
Start Date:..... Tuesday October 3, 2023
Time: 6:30pm – 9:30pm
Sessions: 11
Location:..... Mississauga Training Centre



**Ability is what you're capable of doing.
Motivation determines what you do.
Attitude determines how
well you will do it.**

LOU HOLTZ

Configuring and Troubleshooting Networks for Business Systems (Advanced Networking)

Level 2 Technical Course for IP-based voice, camera and data networks.

Prerequisite – Network Fundamentals.

This course is designed to give IBEW Local 353 members the technical knowledge and hands-on skills to configure, verify and troubleshoot advanced Ethernet LAN and IP networks. This includes managed Ethernet switches, PoE devices, injectors and switch-ports, VLANs and IP addresses, DHCP and routing with Windows and handheld troubleshooting tools. This course will not cover the physical installation, termination and/or certification of cabling or cable connectors.

At the end of this course, successful students will have the ability to identify and verify Ethernet, the configuration of copper and fibre optic connections; identify and verify IP networks and IP routes and DHCP settings; and, configure Ethernet ports on Ubiquity, HP and Aruba managed switches.

Course No:..... TCP/IP2 1/23
Start Date:..... Tuesday September 26, 2023
Time: 6:30pm – 9:30pm
Sessions: 12
Location:..... Toronto Training Centre

LICENSING & CLASSIFICATION

*309A Pre-Exam Course

Prerequisite – Must be a fifth (5th) term apprentice, completed all three (3) levels of trade school, and cleared to write by the Electrical Apprentice Training Alliance.

This Pre-Exam course is designed on a proven successful model of learning how to write the C of Q and masters exam, or for that matter, any electrical trade exam. Throughout the course the apprentice will learn the “tricks of the trade” of exam writing combined with the refresher of the actual material topics such as, but not limited to, common occupational skills, installation of services, motors and controls, distribution equipment and communication systems.

After successful completion of the course, the apprentice will have demonstrated their strengths to be able to understand and communicate effectively on the “how to write an electrical exam,” with the ability for understanding, interpreting and solving the question to find the best answer.

The overall plan is to attend class with the workbook homework completely prepared. The class will then spend time analyzing the structure and details of the question and answer choices. At the end of the course, there will be a simulated comprehensive four-hour exam with detailed take-up. The apprentice will have a maximum of nine days to continue studying from the additional practice exam questions and no later than the tenth day of completing the course the apprentice will be writing a previously scheduled exam.

****Please note: Apprentices will be required to purchase the on-line C & M Practice Exam Questions through Orderline. Apprentices will be eligible for reimbursement of this cost upon successful completion of the C of Q exam through the Education and Training fund.***

Course No:..... CFQ 2/23
Start Date: Tuesday September 26, 2023
Time: 6:30pm – 9:30pm
Sessions: 12
Location:..... Online

Masters License – Pre-Exam

Prerequisite – Must have a 309A with a minimum of three (3) years' experience as an Ontario Journeyman Electrician.

This review course will cover the latest Ontario Electrical safety Code. Related topics include: Occupational Health & Safety Act (H.S.A.), Lien Act, Workers Health & Safety Act and Local Union By-laws as they apply to the Master Electrician.

*****NOTE: A COY OF YOUR 309A LICENSE MUST BE INCLUDED WITH YOUR REGISTRATION OR IT WILL NOT BE PROCESSED [you can email separately to: learning@ibew353.org]. YOU MUST HAVE YOUR 309A FOR A MINIMUM OF THREE (3) YEARS.*****

****THE INTRODUCTORY NIGHT IS MANDATORY ATTENDANCE****

Course No:..... PEM 1/23
Start Date: Tuesday September 26, 2023
..... **see schedule below
Time:..... Weekdays – 6:30pm – 9:30pm
..... Saturdays – 9:00am – 4:00pm
Sessions: 1
Location:..... Online

Introductory Night**	Tuesday Sept 26	Session 10	Wednesday Nov 15
Session 1	Wednesday Oct 4	Session 11	Wednesday Nov 22
Session 2	Wednesday Oct 11	Session 12	Saturday Nov 25
Session 3	Saturday Oct 14	Session 13	Wednesday Nov 29
Session 4	Wednesday Oct 18	Session 14	Saturday Dec 2
Session 5	Wednesday Oct 25	Session 15	Monday Dec 4
Session 6	Saturday Oct 28	Session 16	Wednesday Dec 6
Session 7	Wednesday Nov 1	Session 17	Saturday Dec 9
Session 8	Saturday Nov 4	ESA EXAM	
Session 9	Wednesday Nov 8	Dates to be determined	

*Trade Applications

This review course is being sponsored by the Examining Board to assist members with reclassification and preparing for the exam.

Topics covered in this program include:

- Conduit bending and installation of EMT and rigid conduit, core line and PVC
- 3-phase power – including load balancing, 3-phase and neutrals
- Current safety and code regulations
- Grounding services and transformers
- Class of power
- Class of fuses
- Line hazards and tag and lock procedures

When complete, students will be better prepared to write the exam.

Course No:..... TRADE 2/23
Start Date:..... Thursday September 28, 2023
Time: 6:30pm – 9:30pm
Sessions: 11
Location:..... Mississauga Training Centre

*Electrical Code Review

Electrical Code Review is designed for the participant to learn the professional method of how to use the code. This course is geared toward practical everyday use in the field using the Canadian and Ontario Electrical Safety Codes

Using the hands-on approach of in-depth analysis of questions and answers, the participants will learn the structure and components of the Code from loading circuits, wiring methods, and equipment installation from the general use sections, as well as the specific sections of the electrical code.

Course No:..... ECR 1/23
Start Date: Tuesday October 3, 2023
Time: 6:30pm – 9:30pm
Sessions: 10
Location:..... Online

CONDUIT BENDING & FABRICATION

Conduit Fabrication Level I

Prerequisite – Minimum first term Apprentice.

This introductory course was designed to provide members with an overview of EMT conduit bending procedures. It is intended for members who have minimal or no conduit bending skills. The focus of this course is to provide members with a hands-on opportunity to practice conduit bending using hand benders.

NOTE: Safety shoes or work boots must be worn during class.

Course A:..... CF1 4/23
Start Date:..... Monday September 25, 2023
Time: 6:30pm – 9:30pm
Sessions: 10
Location:..... Toronto Training Centre

Course B:..... CF1 5/23
Start Date:..... Tuesday October 3, 2023
Time: 6:30pm – 9:30pm
Sessions: 10
Location:..... Oshawa Training Centre

Course C:..... CF1 6/23
Start Date:..... Wednesday October 4, 2023
Time: 6:30pm – 9:30pm
Sessions: 10
Location:..... Mississauga Training Centre

“
The highest result of
education is tolerance.

HELEN KELLER

WELDING

Welding – The Fundamentals

Prerequisite – Journeyperson Electrician.

This course is designed as the first step for members interested in certified welding within the electrical trade. This fundamental course will allow the students to become familiar with the equipment and tools used to do Shielded Metal Arc Welding (SMAW) and oxy-acetylene cutting. Students will practice the SMAW stick process in the flat, horizontal, vertical up and overhead positions depending on the individual students ability. All practical exercises will be reinforced through general class sessions that will include welding theory, safety and symbology.

NOTE: PPE, safety shoes or work boots must be worn during class.

****THERE IS A \$250.00 NON-REFUNDABLE FEE FOR A STUDENT KIT. IT MUST BE PAID PRIOR TO THE START OF THE FIRST CLASS****

****Please note that the first class will start at 6:00pm to facilitate the distribution of PPE****

Course A:..... WELD 3/23
Start Date:..... Monday September 11, 2023
..... **Runs Monday and Wednesday nights
Time:..... 6:30pm – 9:30pm
Sessions: 14
Location:..... Mississauga Training Centre
Fee:..... \$250.00 **non-refundable

Course B:..... WELD 4/23
Start Date:..... Monday September 11, 2023
..... **Runs Monday and Wednesday nights
Time:..... 6:30pm – 9:30pm
Sessions: 14
Location:..... Oshawa Training Centre
Fee:..... \$250.00 **non-refundable

Welding – Level I

Prerequisite – Journeyperson Electrician and Welding – The Fundamentals or equivalent experience.

This course is designed as the second step for members interested in certified welding within the electrical trade. This Level I course will allow the student to become more familiar with the equipment and the tools used to do Shielded Metal Arc Welding (SMAW). Students will practice the SMAW stick process, honing their skills in the flat and horizontal positions, to prepare for the Canadian Welding Bureau (CWB) test on these two positions. Practical exercises will be reinforced through general class sessions that will include a continuation of welding theory, safety and symbology.

A testing date will be established closer to the end of the course for students who are ready. A separate charge will apply for testing costs. Members taking this course are asked to bring their original manual from the “Welding Fundamentals” course, as we will be adding material to it.

NOTE: PPE, safety shoes or work boots must be worn during class.

Course No:..... WELD1 2/23
Start Date:..... Wednesday November 1, 2023
..... **Runs Wednesday and Monday nights
Time:..... 6:30pm – 9:30pm
Sessions: 14
Location:..... Oshawa Training Centre

Welding – Level II (Certification)

Prerequisite – Successful completion of Welding – Level I flat and horizontal or have documented current CWB flat and horizontal welding tickets.

This training course will enable members to upgrade their welding skills in order to pass the Canadian Welding Bureau (CWB) test for the vertical and overhead positions.

This course includes an explanation of essential variables regarding welding certification including joint design, thickness range and positions qualified, base metals, electrodes qualified for avoiding weld defects, causes and remedies for undercut, overlap, porosity and spatter.

Practical topics included in this course are:

- Setting up welding parameters for vertical and overhead positions.
- Welding in the vertical up and overhead positions with 70189 on Tees and Lap joint.
- Overhead and vertical up welding on butt joints simulation CWB test.

At the end of the course, trainees will be given a practical CWB test for vertical up and overhead positions. There will also be a theory test based on the CWB testing.

A testing date will be established closer to the end of the course for students who are ready. A separate charge will apply for testing costs. Members taking this course are asked to bring their original manual from the “Welding Fundamentals” class as we will be adding material to it.

A testing date will be established closer to the end of the course for students who are ready. A separate charge will apply for testing costs. Members taking this course are asked to bring their original manual from the “Welding Fundamentals” course, as we will be adding material to it.

NOTE: PPE, safety shoes or work boots must be worn during class.

Course No:..... WELD2 2/23
Start Date:..... Wednesday November 1, 2023
..... **Runs Wednesday and Monday nights
Time:..... 6:30pm – 9:30pm
Sessions: 14
Location:..... Mississauga Training Centre



ESTIMATING

*Electrical Estimating – Introduction

This course is ideal for electricians with a desire to learn the basics of producing electrical construction estimates. The course will take the students from an overview of electrical estimating to performing actual estimates.

The focus is on practical information rather than a textbook. This course is designed for the service-small jobbing environment and will offer an approach to material take-off including appropriate order and types of forms available.

Topics such as where to start, material, pricing, recapping and quotations are also covered.

Course A:..... IEE 4/23
Start Date:..... Tuesday September 26, 2023
Time: 6:30pm – 9:30pm
Sessions: 12
Location:..... Oshawa Training Centre

Course B:..... IEE 5/23
Start Date:..... Wednesday September 27, 2023
Time: 6:30pm – 9:30pm
Sessions: 12
Location:..... Mississauga Training Centre

Course C:..... IEE 6/23
Start Date:..... Tuesday October 3, 2023
Time: 6:30pm – 9:30pm
Sessions: 12
Location:..... Toronto Training Centre

Computerized Electrical Estimating – Part I

Prerequisite – Journeyman Electrician with computer literacy and successful completion of Electrical Estimating – Introduction.

This program uses Accubid software and is designed to teach individuals sound principles and proven methodologies of hand-on professional estimating. This course focuses on estimating techniques that emphasize accuracy and detail during takeoff. In addition to being taught hands-on techniques or counting and measuring materials during takeoff phase, students are shown how to organize those takeoffs into logical and functional breakdowns.

Throughout this course, students will exercise these principles and techniques by performing and instructor-led real-world type estimate using the latest in state-of-the-art Accubid software tools and materials.

Course No:..... CEE 1/23
Start Date:..... Thursday October 5, 2023
Time: 6:30pm – 9:30pm
Sessions: 10
Location:..... Mississauga Training Centre

GREEN INITIATIVES

Solar Energy – Level I

Introduction to inverter-based electrical power generation, storage and grid-tie.

Prerequisite – 309A license holder or 309A Apprentice.

****NOTE: A COPY OF YOUR CURRENT 309A LICENSE OR OCOT MEMBERSHIP NUMBER MUST BE INCLUDED WITH YOUR REGISTRATION OR IT WILL NOT BE PROCESSED.**

This course introduces the student to the production of usable power from Photo-Voltaic technology.

The student will learn the theoretical aspects of today's solar PV technology and familiarize themselves with the terminology, calculations and what to consider for proper site location, sizing and designing these systems.

This course will demonstrate the construction of solar arrays, and the installation of inverters. Students will also review the electrical code requirements, and focus on the applicable concepts for grounding and bonding as well as the Ontario – Micro and Fit regulations and work through the requirements of this initiative.

Although this is not a hands-on course, it includes working through a system design from concept to final layout including financial analysis and all major considerations for Solar PV.

Solar Energy – Level I is recognized by the National Training Alliance (IBEW-NECA) and successful completion of this course entitles the student to the Ontario Electrical Industry Training Trust (OEITT) Solar Installer certification card.

Course No:..... SOLE 3/23
Start Date:..... Thursday September 21, 2023
Time: 6:30pm – 9:30pm
Sessions: 10
Location:..... Toronto Training Centre

Solar Energy – Level II

Introduction to inverter-based electrical power generation, storage and grid-tie.

Prerequisite – 309A Journeyman and successful completion of Solar Energy – Level I.

In the second level of the solar energy training, the student will build on the theoretical knowledge of photovoltaics learned in Level 1. Introduction of stand-alone inverter systems will also be covered. The class will be assembling a modern operational ground mount array following the 2021 Ontario Electric Safety Code. After completion of the course, the student will be knowledgeable in all areas of Photovoltaic Installations such as assembly, wiring and site safety practices. The course will cover site evaluation and preparation grid tied inverter set up requirements, and the 2021 electrical code.

Course No:..... SOLE2 2/23
Start Date:..... Monday October 16, 2023
Time: 6:30pm – 9:30pm
Sessions: 10
Location:..... Toronto Training Centre

Electric Vehicle Infrastructure Training Program

Prerequisite – Journeyperson Electrician.

****NOTE: IN ORDER TO REGISTER, YOU MUST INCLUDE A COPY OF YOUR CURRENT 309A LICENSE and/or Skilled Trades Ontario CARD WITH YOUR REGISTRATION {or email to: learning@ibew353.org}****

The *Electrical Vehicle Infrastructure Training Program (EVITP) – Phase 1* is the first level of training for the installation and maintenance of plug-in hybrid electric vehicle (PHEV) and electric vehicle (EV) infrastructure.

This course will cover the detailed concepts required for the proper installation and maintenance of the infrastructure including:

- Automobile manufacturer's charging performance integrity specifications
- EV battery types, specifications, and charging characteristics
- Utility interconnect, notice, policies and requirements
- Charging station fundamentals including brand/model-specific installation for both Level 1 & Level 2 charging stations
- Service level assessments and upgrade implementation
- Canadian Electrical Code (CEC) standards and requirements, and
- First responder safety and fire hazard measures

At the end of the course there is an industry exam available. The student will be required to pay an additional fee in order to sit the exam. Upon successful completion of the course and passing the exam, students will receive a certificate from EVITP.

Students should bring a copy of the Canadian or Ontario Electrical Code to class.

Course A:..... EVITP 3/23
Start Date: Thursday September 28, 2023
Time:..... 6:30pm – 9:30pm
Sessions: 10
Location:..... Mississauga Training Centre

Course B:..... EVITP 4/23
Start Date: Tuesday October 3, 2023
Time:..... 6:30pm – 9:30pm
Sessions: 10
Location:..... Oshawa Training Centre

Course C:..... EVITP 5/23
Start Date: Wednesday October 4, 2023
Time:..... 6:30pm – 9:30pm
Sessions: 10
Location:..... Toronto Training Centre

Continuous learning is the minimum requirement for success in any field.

BRIAN TRACY

SAFETY

*Introduction to Thermography

Many aspects of our industry are governed by temperature. From the terminations of conductors to the conductivity of disconnect switches, 'heat' is a big factor in the reliability and failures of our electrical equipment and installations. But what if you could see 'heat'? Thermal infrared imaging allows you to 'see' the anomalies before they become a dangerous risk of fire and personal injury.

This course introduces the student to hands-on Infrared Thermography (Thermal-Photography) and using in-class thermal imaging cameras, they get to see how heat is measured and recorded without ever making contact with a component. Unique thermal applications are discussed and demonstrated to showcase the incredible capabilities of this fascinating visual instrument.

As an electrical thermographer, there are a number of certification levels that can open up our industry to thermographic competency. From finding 'hot spots,' to qualifying predictive and preventative maintenance procedures, thermal scanning reveals what abnormalities the naked eye cannot see.

Course No:..... ITI 2/23
Start Date:..... Thursday October 5, 2023
Time: 6:30pm – 9:30pm
Sessions: 9
Location:..... Mississauga Training Centre

*First Aid and CPR

This is a two (2) session standard course where the participants receive training, testing and certification in both First Aid and CPR and a manual to keep for your own use.

In order to successfully meet the requirements of this program, you must be on time and attend 100% both days.

Course A:..... FA&CPR 5/23
Start Date:..... Saturday October 14 **AND**
..... Sunday October 15
Time: 8:00am – 4:00pm
Location:..... Barrie Training Centre

Course B:..... FA&CPR 6/23
Start Date:..... Saturday October 28 **AND**
..... Sunday October 29
Time: 8:00am – 4:00pm
Location:..... Oshawa Training Centre

Course C:..... FA&CPR 7/23
Start Date:..... Saturday November 18 **AND**
..... Sunday November 19, 2023
Time: 8:00am – 4:00pm
Location:..... Mississauga Training Centre

Course D:..... FA&CPR 8/23
Start Date:..... Saturday November 25 **AND**
..... Sunday November 26, 2023
Time: 8:00am – 4:00pm
Location:..... Toronto Training Centre

*Mental Health First Aid

Mental Health First Aid (MHFA) is the help provided to a person developing a mental health problem, experiencing the worsening of an existing mental health problem or in a mental health crisis. Just like physical first aid is provided until medical treatment can be obtained, MHFA is given until appropriate support is found or until the crisis is resolved.

How MHFA helps:

Mental Health First Aid:

- Engages confidently where a person may be a danger to themselves or others.
- Provides help to prevent the mental health problem from developing into a more serious state.
- Promotes the recovery of good mental health.
- Provides comfort to a person experiencing a mental health problem.

Please note: Module 1 is a self-study unit that is due prior to the start of the course. Details will follow with your confirmation letter.

Course No:..... MHFA 2/23
Start Date:..... Saturday October 7, 2023
Time: 8:00am - 4:00pm
Location:..... Online

The Working Mind

The Working Mind (TWM) is an evidence-based program designed to promote mental health and reduce the stigma around mental illness in the workplace.

By reducing stigma and discrimination, TWM helps organizations create a culture that fosters greater awareness and support for mental health among employees, managers, and employers.

TWM objectives:

- Reduce the stigma around mental illness
- Promote your organization's mental health
- Transform the way participants think and talk about mental health and mental illness
- Help participants identify poor mental health in themselves and others
- Give participants the coping skills to manage stress and poor mental health
- Review mental health rights and responsibilities
- Create a more supportive work environment

Course No:..... TWM 3/23
Course Dates: ... Saturday December 2, 2023
Time: 9:00am - 12:30pm
Location:..... Online

WORKING AT HEIGHTS (WAH) TRAINING

WAH is good for three (3) years from the date of training. If you need training [available at all four (4) halls], please contact Raquel at Ext. 5203 to register.

*Basic Certification – Part I

Prerequisite – In order to meet Ministry of Labour and WHSC regulations, 100% attendance is required to successfully complete this course.

This course will empower workers and health and safety representatives with a better understanding of the Occupational Health and Safety law. Members who take this program will be more effective health and safety representatives or joint committee members, or may train to become WHSC qualified health and safety instructors.

This program consists of sixteen core modules including an introduction to the Internal Responsibility System; employer responsibilities under occupational health and safety law; worker participation and their rights to participate in health and safety. The Ministry of Labour (MOL) inspector's role in enforcing the Act as well as the Joint Health and Safety Committees duties, functions and powers are also outlined in detail.

This program will also review the duties and qualifications of the certified member and their role regarding inspections, investigations, work refusals and interacting with MOL inspectors. Another key area we review in this program is the Health and Safety Policy and workplace hazard identification.

Course No:..... SAFE 2/23
Start Date:..... Monday September 25, 2023
Time: 6:30pm - 9:30pm
Sessions: 10
Location:..... Online

*Certification Part II – Construction Sector Program

Prerequisite – Basic Certification - Part I.

Before JHSC members can become fully certified, they are required to complete a second round of training commonly known as *Certification Part II* training. This training is designed to help certified representatives identify, assess and control, or better yet eliminate, hazards specific to their workplace.

The Construction Sector program covers the hazards of workplaces typical in the construction sector including worker trades committees; hazards of dust and fibres; electrical hazards; confined space entry hazards; hazards of cranes, hoists and rigging; welding hazards among others.

Course No:..... SAFE2 2/23
Start Date:..... Wednesday October 4, 2023
Time: 6:30pm - 9:30pm
Sessions: 10
Location:..... Online

*Certification – Refresher

Prerequisite – Basic Certification - Part I and Part II.

To maintain certification status, a JHSC member must complete Certification Refresher training every three (3) years. This training must involve a review of key concepts from Part 1 and Part 2 certification programs, updates to legislation, standards, codes of practice and occupational health and safety best practices. The training must also give certified members an opportunity to share and discuss best practices and current occupational health and safety issues.

Course No:..... CRT-R 2/23
Start Date:..... Tuesday October 17, 2023 and,
..... Thursday October 19, 2023
Time: 6:30pm - 9:30pm
Location:..... Online

SPRING 2023 COMPLETIONS

309A Pre-Exam

Rory Arthurs
Brenden Barrera
Guan Chen
Simeon Dounas
James Giraldo
Claude Laforest
Guisepppe Mannoliti
Zack Mooy
Matt Ptasznik
Taylor Sullivan
Travis Timewall

A.C Motor Control - Level 1

Mustafa Alameddine
Alan Dzoja
Abigail Epstein
Nicklas Hull
Marko Kaczor
Stephen Keohan
Patrick Kern-Wronikowski
Michael Martins
Aron Michael
Nicolas Sobon
Kristijan Todorovski
Tong Tong

AutoCAD Essentials for Electricians - Level I

Michael Alexander-Rybak
Sean Alexis
Kevin Christie
Matthew Clayton
John Christopher Cummings
Dionusios Georgakis
Eustathios Georgakis
Ceasar Gomes
Ruben Madeira
Andrey Orlov
Kevin Rasksen
Jamie Sugrim
Alexandre Suzin

AutoCAD Essentials for Electricians - Level II

Gaetano Mandarinio
Jason Roy

Basic Certification - Part I

Michael Alexander Rybak
Paul Bukovec
Anthony Dolinar
Adam Gillespie
Michael Joseph
Ken Pescod
Michael Power
Nicholas Sully

Certification - Part II - Construction Sector

Christopher Bengert
David Blundon
Daniel Brooks
Kirk Desmarais
Daniel Gheller
Daid Hughes
Marcus Johnbaptiste
Michelle Kennaway
Adam Walsh
Aaron Zboch-Alves

Conduit Fabrication - Level I

Juneid Ahmad
Belal Altarshah
Philip Bucaro

Joshua Carter
Malcolm Cooke
Elisa Dellafortuna
Jacob DeVine
Achill Hadjipapachristodoulou
Henry Hoang
Zuhair Islam
Keefe Lau
JinHong Luo
Saim Mansoor
Gavin McLuckie
Thomas Mucek
Suhrob Muhammad
Wilson Nguyen
Hiren Patel
Chris Quintal
Mohammad Rassuli
Brigette Rickli
Daniel Roesler
Nicholas Sbon
Petar Vukadin
Shervin Wallace
Joshua Znidaric

Electrical Estimating - Introduction

Nicholas Brown
Joanne Chumbley-Ward
Clayton Copoc
Jason Di Mambro
Patrick Dudkowski
Wayne Eccleston
Rashid Faham
Mark Granieri
Bartek Gruszczynski
Bin Zhuo He
Adulhak Henbeq
David Krempaszanka
Mark Kurhan
Ryan Lewis
Ruben Madeira
Garrett McCreddie
Wayne Milns
Gregory Moore
Dennis J O'Rourke
Alessandro Perciasepe

EVITP

Robert Campbell
Chris Cleland
Luciano Duenas
Sean Duffy
James Edwards
Allen Ghamari
Bin Zhuo He
Adrian Kierdorf
Dennis Kupinsky
Patrick Macleod
Ryan McMahon
Francesco Molinaro
Samuel Phan
Michael Piemontese
R. Rossi
Anthony Sebbio
Justin Seguin

Adam Tersigni
Valeriy Yakimchuk

Fibre Optics - Level I

Cara Brideau
Lorenzo D'Alessandro
Christian Darnetto
Taryn Duvesteyn
Michell Mercer
Christopher O'Niell-Hibbert

Fibre Optics - Level II

Tyriq Clarke
Gabriele Hempstead
Nicholas Wilson

Fire Alarm Certification Renewal

David Baker
Tom Batsanis
Generoso Belli
Gianluca Carnevale
Pasquale Cartaginense
Robert Copp
Isaac Costa
Anthony Cuzzolino
Ralph De Vincenzis
Chris Doukas
Jay Dowie
Dexter Forsythe
Brian Freitas
Narinder Ghuman
Bill Giannopoulos
Russell Gonsalves
Cory Greaves
James Gribben
Piotr Hurysz
Lazarus Kiriakidis
Daniel Korman
Robert Krasny
Krzysztof Krzyształowicz
Ryan MacKenzie
David Maher
Douglas McCracken
Fuad Mude
Daniel Nisan
Akmal Omarzayi
Robin Orton
Tomas Perez
Joshua Renaud
Gabriele Renga
Setphen Reynolds
Domenic Riviglia
Michael Rogge
Michel Smith
Rajendra Sooknanan
Joseph Speciale
Christopher Tyrell
Gordon Willard
Paul Winstanley

Fire Alarm - Level I

Steven Alves
Ivan Baltic
Boghos Bardizbanian
Nicholas Beaulne
Paul Bukovec
Dennis Burke
Sun Ming Chan
Tommy Cheung
Ryan Ciancio
Ralph Colacito
Martin Cook
Adrian Coombs

Giovanni Corsaro
Phuoc Xuong Dam
Matthew Dickson
Nicholas Digirolamo
Zhadwen Du
Jeivy Garcia
Christofer Garretton
Adam Gillespie
Jimmy Huynh
D'Angelo Johnson
Joshua Lane
Abraham Khoshaba
Andrew Laruffa
Timothy Leong
Weihua Li
Alessandro Maltese
Matt McKenna
Riley Miljire
Beverly Anne Palisoc
Joe Pereira
Tommy Pham
Jeremy Quesnelle
Jordan Richmond
Peter Sauret
Gary Serpa
Ramandeep Singh
Stanley Tong
Theodoros Traikos
Nathaniel Valeije
Gaige VanAsten
Patrick Wojtowicz

Fire Alarm - Level II

Jameson Almario
Matthew Catalli
Kevin Chaves
Kevin Christie
Michael Colangelo
Austin De Souse
Ryan Dhurjon
Klim Glodove
Edgardo Guzman-Leiva
Mihalis Hatzipavlou
Roman Hernandez
Cyrill Leung
Yong Liu
JinHong Luo
David Mascioli
Carter McGhie
Justin Morris
Michael Nesich
Ajay Patel
Michael Ruppel
Tyler Schlonies
Nicholas Spizzirri
Ricardo Velez
Rafi Wanees
Brandy Whipple
Xinfeng Zhang

Fire Alarm - Level III

Mikhail Belyaev
Richard Chau
Kevin Cheung
Matthew Coates
Jeffrey Gumbrell
Andrew Ho
Christopher Nunuvero
Ralph Pantalone
Deodat Parmasar
Sergio Santos
Roman Sheiman
Shervin Wallace

LeRoy Wilson
Abdul Hares Yousufi

Fire Alarm - Level IV

Nicholas Celenza
Chris Dilauro
Clarence Doe
Dylan Frost
Iain Gabrek
Christopher Johnson
Adriaan Jongman
Edgar Kendrew
Freddy King
Karl Klages
Scott Nageleisen
Cameron Nagy
Shawn Polissak
Rajendra Sukul
Garnet Tempeny
Adam Wray
Zhijun Zhou

First Aid & CPR

Mustafa Alameddine
Rory Arthurs
Mohsen Behraves
Shayne Berzins
Paul Bukovec
Tyriq Clarke
Ralph Colacito
Luke Deschenes
Patrick Dudkowski
Sean Duffy
Jamie Galloro
Tibor Goncalves
D'Angelo Johnson
Marko Kaczor
Stephen Keohan
Freddy King
Mark Lebel
Kelvin Lutchman
Ryan Manton
David Mascioli
Russell Mayo
Joe Mele
Mitchell Mercer
Kevin Mullin
Alan Murray
Michael Nesich
Mark Olders
Ryan Pacheco
Ajay Patel
Russell Pearce
Jan Schroeder
Adam Smith
Feng Xu

Fluke Networks - Copper Modules

Andrew George
Emmanuel Moscopol
Christopher O'Niell-Hibbert
Matthew Quesnel
Saso Todorovski
Jesse Tomes
Nicholas Wilson

Fluke Networks - Fibre Modules

Tyriq Clarke
Andrew George
Trevor-James Hutchinson
Vikas Madan
Michael Mukupa

<p>Daniel Tennier Saso Todorovski Nicholas Wilson</p> <p>Introduction to the Raspberry Pi</p> <p>Jacqueline Crawford James Dixon Jackson Doyle Igor Perisic Michael Rocks</p> <p>Introduction to Thermography</p> <p>Simon Kavcic Rory MacKenzie Edward Nott Deodat Parmasar Danny Sculac Jamie Sugrim</p> <p>Mental Health First Aid</p> <p>Maxwell Bradbury Eric Chapman Jacqueline Crawford Tibor Csery Andrew Downing Patrick Dudkowski Barry Kiernan Christine Moore Ryan Stroyney Patrick Vivacqua</p>	<p>MicroLogix RSL500 Family of PLCs</p> <p>Jones Gretton Christian Grozdanovski Qian Lu Jason Mojica Alex Will</p> <p>Network Cabling - Part I</p> <p>Jamal Bedward David Blundon Munib Kaddafo Billy Peraza-Ramirez Brock Reid Marc Anthony Tenkortenar Jenorish Thaveeth-Hamiltus</p> <p>Programming Automation Systems</p> <p>Mohammed Abou-el-alla Gabriele Hempstead Henry Hoang Kyle Thertell</p> <p>Solar Energy - Level I</p> <p>Bashir Ali James Castellani Alexandre Godinho Keefe Lau Adam Maginniss</p>	<p>Miguel Moran Spencer Millican Morteza Modares Thomas Mucek Alexander Olivieri Seval Reid R. Rossi Chris Pontarini Tielna Tus</p> <p>Solar Energy - Level II</p> <p>Callum Brand Thomas Chittick Vincent Kramarits Fuad Mude George Tampakeras</p> <p>The Working Mind</p> <p>David Blundon Jacqueline Crawford Anthony Dolinar David Hughes Graham Jones Kelvin Lutchman Rory MacKenzie Daim Mansoor Patrick Vivacqua Trade Applications Domenico Albanese</p>	<p>Rony Arias Michael Camarata Michael Cerqueira Anthony De Paola Lucas Godbersen Audi Gorgis Adam Mazzotta Ryan Mendes Traffic Signals Daniel Chirila Shawn Cooper Mark Hendy Nicholas St. Marie</p> <p>Traffic Signals</p> <p>Daniel Chirila Shawn Cooper Mark Hendy Nicolas St. Marie</p> <p>Variable Frequency Drives - Level I</p> <p>Thomas Buchmann Lorenzo D'Alessandro Jackson Doyle Mitchell Mercer</p> <p>Welding - The Fundamentals</p> <p>Adrian Drab Arthur Giuliani</p>	<p>Alex Gray Paul Mailhot David Mascioli Brandon Poole Hoang Truong Alex Watson Daniel Collet Lachlan Cooper Garry Janes Nathan Pember Erik Slierings Christopher Williamson</p> <p>Welding - Level I</p> <p>Lachlan Cooper Arthur Giuliani Alex Gray Adam Maginniss Brandon Poole Roberto Quezada Alex Watson Christopher Williamson</p> <p>Welding - Level II</p> <p>Luca Bucura Avinash Hiranman Michael Kopiasz Jordan Lichtfuss Gregory Moore</p>
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FALL 2022 COMPLETIONS

<p>309A Pre Exaam</p> <p>Kathleen Berry Kelly Byrd Felix Julio David Lazure Trong Le Dennis Lopez Rory MacKenzie Iaroslav Mamaev Adamo Marzilli Paulo Monteiro Fortes Kadeem Robin Galen Thai</p> <p>A.C. Motor Control - Level I</p> <p>Ivan Baltic Michell Christie Martin Cook Pedro Da Silva Michelle Le-Claire Artem Orel Trevor Poulin Andrew Rivers Christopher Schembri Nicholas St. Marie Brandon Wagg</p> <p>AutoCAD LT Essentials - Level I</p> <p>Gavin Graham Makarim Ismath Anastasia Kastanis-Malloy Kevin Malloy Gaetano Mandarino Jonas Manzanares Yanes Michael Pilafov Gabriel Pizzicarola James Stephenson</p> <p>Basic Certification - Part I</p> <p>Christopher Bengert David Blundon Cara Brideau</p>	<p>Daniel Brooks Kirk Desmarais Daniel Gheller David Hughes Marcus Johnbaptiste Michelle Kennaway George Rizidis Adam Walsh Aaron Zboch-Alves</p> <p>Certification - Part II - Construction Sector</p> <p>Deven Bell Glenn Christensen Joseph Guyatt Dean Knarr Michelle Le-Claire Paul Loughnane</p> <p>Computerized Electrical Estimating - Part I</p> <p>Avery Brown Daniel Fonseca Richard Mahabir Luis Felipe Munoz-Orozco Michael Procak Christopher Williamson</p> <p>Conduit Fabrication - Level I</p> <p>Steven Alves Keith Ambrose Paul Caldwell Andrew Chiu Matthew Clayton Eric De Van Der Schueren James Eyres Nikolaos Fatsis Aaron Fernandes Jeivy Garcia Chandler Grady Mihalis Hatzipaviou Lisa Hollett Peter Hozjan Nickolas Hull Brett Innis</p>	<p>Omar Jibril Timothy Leong Adriatik Lila Kevin Maharaj Spencer Millican Tommy Pham Michelle Shultz Ramandeep Singh John Tzalis</p> <p>Configuring Networks for Business Systems</p> <p>Michelle Le-Claire Valeri Litvinenko Andre Pimentel Daniel Silveira Zhang Xinfeng CSTT Installer Yaohua Lan Adam Tobe</p> <p>Electrical Estimating - Introduction</p> <p>Matthew Berlingieri Adam De Bartolo Kareem Frederick Jaspreet Kainth Renee Marquez Francesco Molinaro Giuseppe Joe Romano Seann Tanner</p> <p>Electronics - Level I</p> <p>Peter Darnbrough Anthony Konstantopoulos</p> <p>EVITP</p> <p>Daniel Brkan Bryan Campbell Sun Ming Chan Andrej Drozdowski Walker Essex Timothy Gaughan Avinash Hiranman Ruben Madeira Michael McCusker</p>	<p>Gregory Moore Devin Mueller Gillian Olohan Andrey Orlov Christopher Petruccielli Kelly Reading Jonathan Robb Bijan Sepanloo Tyler White</p> <p>Fibre Optics - Level I</p> <p>Andrew Callaghan Tyriq Clarke Marcelo Cosico Patrick Farren Stephen Reynolds</p> <p>Fire Alarm Certificate Renewal</p> <p>Paolo Abate Neil Acton Shaun Contardi Kyle Dalcin Brendan Faherty Carlos Januario Guo Lian Li Dimitri Mamayev Chris McDonagh Mario Moscati Duane Patterson Luis Pires Ozzie Puppi Michael Saramaki Danny Sculac Delbert Sousa Charles Veljkovic Brett Yoshida Jiemin Zhao</p> <p>Fire Alarm - Level I</p> <p>Jameson Almario Adria Anderson Robert Ariss</p>	<p>Alan Beaver Anthony Botelho Jacob Camirand Matthew Catalli Kevin Chaves Michael Colangelo Austin De Sousa Ruan Dhurjon Anthony Giansante Klim Glodove Edgardo Guzman-Leiva Chauhan Harkanwal Benjmain Klapwyk Caius Kudlak Quan Le Cyrill Leung Yong Liu JinHong Luo Eric Ly Daniel Malka Mark Massad Michael Nesich Ryan Pacheco Ajay Patel Tyler Schlonies Nicholas Spizzirri Alexandre Suzin Zack Theriault Ricardo Velez Rafi Wanees Thomas Weber</p> <p>Fire Alarm - Level II</p> <p>Mikhail Belyaev Matthew Coates Tibor Csery Andrew Da Cunha Jonas Gretton Christian Grozdanovski Igor Korolev Qian Lu</p>
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<p>Brenden Mitchell Artem Orel Ralph Pantalone Deodat Parmasar Gianpaolo Polisco Dean Roberts Robert Serzysko Roman Sheiman Adam Tersigni Abdul Hares Yousufi Shervin Wallace LeRoy Wilson</p> <p>Fire Alarm - Level III Chris Dilauro Clarence Doe Patrick Dudkowski Iain Gabrek Christopher Johnson Edgar Kendrew Freddy King Karl Klages Cameron Ngy Shawn Polisak Rajendra Sukul Garnet Tempeny Zhijun Zhou</p> <p>Fire Alarm - Level IV Mark Bagshaw Gary Baillie Justin Cautious Andrew Evtchouk Mark Hall Anthony Lagana Tim Lake Demetrius Mikrogianakis Alexander Pena Brandon Poole Daniel Puppi Michael Rocks</p>	<p>Michael Sanginesi Agostino Scalisi Justin Seguin Gregory Stauch Richard Wilton</p> <p>First Aid and CPR Tihomir Atanassov Barry Binger Robert Cavalieri Massimo Cellucci Nick Furfaro Steven Furfaro Daniel Gheller Matthew Leblanc Michelle Le-Claire Ronald Lee Andrew McKay Akamal Omarzayi Andrey Orlov Gabriel Pizzicarola Tony Santia Michael Stokes Ryan Stroyney Taylor Sullivan Charles Veljkovic</p> <p>Fluke - Copper Modules Chris Ciliberti Patrick Farren Evan Nitsopoulos Daniel Ortega Adam Tobe Sharon Watt</p> <p>Fluke - Fibre Modules Virgilio Buan Andrew Callaghan Chris Ciliberti Evan Nitsopoulos Adam Tobe</p>	<p>Sharon Watt Alex Will</p> <p>Google Workspace Brian Hogan Michelle Le-Claire Aaron Miller David Rezaei Jean-Paul Riberdy Ray Scheepstra</p> <p>Introduction to Thermography Ricardo Rick Botelho Jacqueline Crawford Jaspreet Kainth</p> <p>Mental Health First Aid Mike Anselmo Lucas Atzori Daniel Brooks Paul Caldwell David De Medeiros Mark Flanagan Teri-anna Libby Brandon Poole Lucas Quiceno</p> <p>MicroLogix RSL500 Family of PLCs Guan Chen Jakub Jezierski Shawn Knott Yong Liu</p> <p>National Advanced Lighting Controls Scott Bennett Edison Bujari Shaun Oliveira Anton Tchouikine</p> <p>Network Cabling - Level I Tyriq Clarke</p>	<p>Christian Dametto Courtney Klintworth Ziad Nadhim Deodat Parmasar James Stephenson Stanley Tong James Wylie</p> <p>Programming Automation Systems Tom Batsanis Mitchell Christie David Gouk Jeeva Jeevaratnarajah Matthew Mercer Mitchell Mercer</p> <p>The Working Mind Paul Latimer Tony Santia</p> <p>Trade Applications Steven Conti Giuseppe Di Corrado John DiPasquale Michael Farina Kevin Gonzalez Molina Michael Kulesza Christopher Silva Adrian Tyrell</p> <p>Variable Frequency Drive - Level I Tihomir Atanassov Kristian Bicomong Austin De Sousa Jakub Jezierski Alessandro Maltese Michael Rodo Narinderpal Sandhu Brian Santana Pawit Subwattanachai</p>	<p>Variable Frequency Drive - Level II Patrick Dudkowski Robert German Patrick Hartt Brendan Heinz</p> <p>Welding - The Fundamentals Stefan Agnew Luca Bucura Joshua Carfagnini Stephen Di Carlo Steven Jeethan James Junkin Kyle Kristensen Brian Mackay Adam Maginniss Michael Maione Brandon McNeill Daniel Rabanes Rob Ragucci Gurpaul Singh Alexander Sirko Michael Thomas Kyle Waterman Reece Wolanski</p> <p>Welding - Level I Luca Bucura Joseph Carfagnini Peter Ferenc Walter Fulford Steven Jeethan Brian MacKay Adam Maginniss Kenneth Mah Brandon McNeill Alexander Sirko James Walker Ian Watt</p>
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SPRING 2022 COMPLETIONS

<p>309A Pre Exaam Boghos Bardizbanian Mark Bienko Frank Carnevale Kevin Cheung Megan Cotton-Kinch Johnny Feeney Makarim Ismath Jeremy Lozon Rory MacKenzie Ruben Madeira Sean Maskewycz Stephanie McLean Martin Simov Michael Stefanazzi Oleg Stefaniz Jakub Zienowicz</p> <p>A.C. Motor Control - Level I Mohamm Ghahremani-Tabrizi Jakub Jezierski Michael Maione Deodat Parmasar Aaron Steeves</p> <p>AutoCAD Essentials for Electricians - Level I Erik Ceschia Jacqueline Crawford Christian Dametto</p>	<p>Nicholas Kelessi</p> <p>AutoCAD Essentials for Electricians - Level II Austin De Sousa Randy King Aaron Miller Pablo Reyes</p> <p>Basic Certification - Part I Glenn Christensen Gord Dart Neil Guyatt Michael Hawrylow Dean Knarr Paul Loughnane Evan Nitsopoulos</p> <p>Conduit Fabrication - Level I David Blundon Tevin Campbell Gong Cheng Filipe Da Silva Adrian Di Minno Abigail Epstein Jose Freitas Ahmed Gulzar Michael Hawrylow Ryan Lewis Richard Mahabir Sal Milone</p>	<p>Marcos Nunes Umesh Patel Steven Reid Aaron Slack Erik Slierings John Solomon Todd Sumi Jamie Surgim Bruce Thistle Ohmar Williams</p> <p>CSTT Installer Mauricio J. Herrera Nicholas Sully Alexandre Suzin</p> <p>Electrical Estimating - Introduction Avery Brown Jason Flowers Marcello Mariani Luis Felipe Munoz-Orozco Michael Procak Michael Taylor Dimitrios Vlachopoulos</p> <p>Electric Vehicle Infrastructure Program Casey Bowman Steve Cowie Tibor Csery</p>	<p>Tony Divitaris Jay Dowie Igor Gidalvich Mark Granieri Brian Hogan Jaspreet Kainth Chris Kotwas Jonathan La Selva Arber Lami Quian Lu Michael Maione Wes McKenna Brandon McNeill Joe Pereira Krassimir Simov Ran Stroyey Jesse Te</p> <p>Fibre Optics - Level I Nabil Abdali Christopher Andrews Sun Ming Chan Brock Craine Michelle Le-Claire Nicolas St. Marie Jared Wachtel</p> <p>Fire Alarm Certificate Renewal Mike Cabral Daniel Caetano</p>	<p>Mike Grosso Spiro Ioannidis Dennis Muzzatti Filipe Neto Bill Newman Eric Niederer Tony Santia Adam Singh Anthony Tenuta Kevin Wilson Joseph Yuan</p> <p>Fire Alarm - Level I Mikhail Belyaev Vladimir Buganov Tibor Csery Jhirvyn Felix Daryl Ferguson Liam Grant Santiago Guerrero Paul Loughnane Qian Lu John Luong Brenden Mitchell Jason Mojica Wilson Nguyen Ralph Pantalone Deodat Parmasar Gianpaolo Polisco Dean Roberts</p>
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Robert Serzysko
Roman Sheiman
David Staeuble
Adam Tersigni
Nathan Trent
Shervin Wallace
Brandy Whipple
LeRoy Wilson
Keith Wright
Joshua Znidaric

Fire Alarm - Level II
Tyler Ashton
Andrew Brisbane
Chris Dilauro
Clarence Doe
Iain Gabrek
Jeffrey Gumbrell
Jake Hardy
Andrew Ho
Troy Isaacs
Edgar Kendrew
Cameron Nagy
Sergio Santos
Rajendra Sukul
Garnet Tempeny
Zhijun Zhou

Fire Alarm - Level III
Mark Bagshaw
Gary Baillie
Justin Cautius
Nicholas Celenza
Shelby Dow
Michael Ferry
Adriaan Jongman
Anthony Lagana
Derek Matthews
Brandon McCandlish
Demetrius Mikrogianakis
Scott Nageleisen

Brandon Poole
Michael Rocks
Agostino Scalisi
Justin Seguin

Fire Alarm- Level IV
Fatih Acar
Simon Kavcic
Nicholas Lo
Kelly Reading

First Aid & CPR
James Amaral
Shawn Chadwick
Lucas De Marchi
Paul Gilmore
Jones Gretton
Christian Grozdanovski
Stephen Lawrence
Ruben Madeira
Fernando Marcelo
Chris Royce
Martin Scarlett
Jose Tapia

Masters License - Pre Exam
James Amaral
Steven Andre
Peter Badiwsky
Daniel Brkan
Robert Cavalieri
Ryan Chubb
David Comparelli
Craig Connell
Keith Corbett
Kassin Cuffe
Domenic Dattolico
Adam Doplaga
Justin Dzikowski
Gary Eatock
Wayne Eccleston
Rashid Faham
Daniel Ferri
Joseph Fierro

Jason Fontanna
Andrew Gawlik
Michael Genene
Joseph Grado
Dwight Henry
John Jensen
Rahil Jiwani
Sean Killam
Mark Kurhan
Alban Kuzari
Mario La Porta
Tyler Leclerc
Eduard Lioubimski
Matt Lutz
Parminder Mahil
Roy Main
Renee Marquez
David Mascioli
Manjit Mavi
Ryan Millien
Mukesh Mistry
Gregory Moore
Fuad Mude
Rocco Napoli
Sean O'Leary
Michael Oliveira
Nicolas Rivera
Rocco Sanelli
Ben Schembri
Peter Soubalis
Andrew Steen
David Swerdfiger
Justin Tanner
Michael Thistle
Matthew Tomulka
Petar Vukadin
James Wylie
Sheldon Wylie

Mental Health First Aid
James Belanger
Deven Bell
Daniel Dizon

Paul Latimer
Michelle Le-Claire
Andrew Mazzawi
Gary Pera
Harry Uncao
Larry Wells

National Advanced Lighting Controls
Andrei Bouilov
Sun Ming Chan
Faud Mude
Andrey Orlov
Evangelos Tokatlidis

Networking Fundamentals
Mikhail Belyaev
Philip Demelo
Brian Forrest
Tim Shilson
Gord Wagner

Solar Energy - Level I
Christopher Hall
Benjamin Klapwyk
Michelle Le-Claire
Nicholas St. Marie
Alexandre Suzin

The Working Mind
Megan Cotton-Kinch
Gord Dart
Adam De Bartolo
Kirk Desmarais
Daniel Dizon
Scott McLeod
Daniel Silveira
Trade Applications
Dylan Fernandes
Philip Nanos

Daniel Prosa
Ricardo Velez

Traffic Signals
Austin De Sousa
Anthony Manvati
Francesco Molinaro
James Voroshuk

Variable Frequency Drives - Level I
Mohamm Ghahremani-Tabrizi
Patrick Hartt
Brendan Heinz
Marcos Nunes
Artem Orel
Kadeem Robin
William Robinson
Alonso Vasquez
Matthew Vitale
Shervin Wallace

Welding - The Fundamentals
Lyle Brill
Jason Di Mambro
Cristin Eby
Diamond Fruck-Siomos
Avinash Hiranman
John Long
Michael Manning
Michael Sims
Paul Smith
Maciej Sosnowski
Chris Strilchuk

Welding - Level I
Walter Fulford
Avinash Hiranman
John Long
Kenneth Mah

FALL 2021 COMPLETIONS

309A Pre Exam
Shamel Abaza
Boghos Bardizbanian
Thomas Birnei
Victor Bourne
Jason Crozier
Elisa Dellafortuna
Michael Fasulo
Susan Flanigan
Matthew Hutchinson
Travis Johnston
Antonio Katava
Nicholas Lo
Justin Lopes
Charles Magyari
Kyle Noseworthy
Austin Orgar
Samuel Phan
Daniel Prochilo
Aaron Samuel
Sam Santarelli
Dennis Santiago
Jay Silver
Michael Stevens
Scott Tarasewicz
Christos Tsagarakis
Thomas Wilkinson

AutoCAD for Electricians - Level I
Austin De Sousa

Rdward F Donnelly
Camillo Guglielmi
Aaron Miller

Basic Certificaitaion - Part I
Deven Bell
Adam Brown
Gurpaul Singh

Certification Part II - Construction Sector
Khalid Abidalla
Katheen Berry
Virgilio Buan
Steve Cowe
Catherine Ferguson
Kate Martin
Alex Pope
James Voroshuk

Conduit Fabrication - Level I
Peter Anderson
Alex Arseneau
John Escano
Weesam Farhat
Milton Gilpin
Ed Philip Gucusana
Edgardo Guzman-Leive
Michel Henze
Nikolas Iosifidis
Georgios Kauleles
Michelle Le-Claire

Robert Luciani
Rory MacKenzie
Liam MacKinnon
Christopher Maybee
Luis Felipe Munoz-Orozco
Andrija Nikolic
Matteo Palombi
Jakob Pelletier
William Robinson
Nicholas Sully
Brett Watson
Chris Zachos

Fibre Optics - Level I
Samuel Francis
Gabriele Hempstead
Coug Joe Johnson
Michael Manning
Brook McAteer
Martin Moore
Roel Rodillas
Alexandre Suzin
Jose Tapia
James Vooshuk

Fire Alarm - Level I
Tyler Ashton
Andrew Brisbane
Tyler Deveaux
Chris Dilauro
Clarence Doe
Catherine Ferguson

Jeff Furtado
Iain Kenneth Gabrek
Jones Gretton
Christian Grozdanovski
Andrew Ho
Troy Isaacs
Kyle Jackson
Edgar Jeremy Kendrew
Justin Lopes
Justin Lywood
David Mascioli
Michael Mierzwa
Cameron Nagy
Philip Nanos
Akamla Omarzayi
Artem Orel
Andre Peres
Jeffery Rent
Zachary Stire
Garnet Tempeny
Konrad Wilderlich
Zhijun (Jeff) Zhou

Fire Alarm - Level II
Mark Bagshaw
Gary Baillie
Zack Bridge
Justin Cautius
Nicholas Celenza
Kevin Cheung
Shelby Dow

Patrick Dudkowski
Piotr Ferenc
Michael Ferry
Francesco Gallelli
Victor Jimenez
Adriaan Jongman
Anthony Lagana
Lucas Manou
Jorge Martinez
Derek Matthews
Brandon McCandish
Scott Nageleisen
Christopher Ninuvero
Andrew Packer
Andre Pimental
Brandon Poole
Bradley Porter
Michael Rocks
Justin Seguin
Alxei Terekhov

Fire Alarm - Level III
Thomas Barrett
Rajvinder Dosanjh
Simon Kavcic
Manuel Moleiro
Kelly Reading
Michael Sangines

Fire Alarm - Level IV
Simon Agramonte
Matthew Berlingieri

James Dadd Cameron Denieuwe Tony Divitaris Lucian Doican Christin Eby Avinash Hiranman Ryan Major Brandon McNeill Francesco Molinaro Daniel Moraru Siwen Shen Maciej Sosnowski Justin Tanner Adam Totino Matthew Valeriani Stephan Vieira Erin Worgan	Peter Darnbrough Catherine Ferguson Brandon Grant Hailat Kidane Brandon McNeill Francesco Molinaro	Dylan Gerzymisch Alexandre Godinho Brandon Grant Noel Isaacs Ryan James Homeir Kazemi Mark King Matthew Kirkwood Dennis Kupinsky Foday Lakoh Sean Loder Matthew McCormick David McIntosh Thakurdyal Nandkumar Christopher Pacheco Sean Peters Edward Pillinger Joseph Pizzolla Angelo Polvere Xiudong Qu Adam Ruscetta Alexander Scott Jordan Smith Andrew Sullivan Zain Syed Eugen Tanase Chris Truman Zuberullah Usmani Brian Van Delen Malaque Venson	Petar Vukadin Jason Williams	Barry Kiernan Jasenko Kokorus Chad MacCharles Andrey Orlov Luke Simms Anton Tchouikine Ronald R. Young
Fire Alarm Certificate Renewal Glendon Affeldt Jon Bresser Edy Francescutto Mauricio Herrar Kyle Lappin Paul Mailhot Bijan Sepanloo Fernando J. Tavares	Introduction to the Raspberry Pi Mike Grosso John Grube Michelle Le-Claire Marco Mostert Peter Olders Stephen D. Philipsz Ray Sheepstra		MicroLogix RSL500 Family of PLCs Neil Berrovoets	Welding - Level I Troy Jonathan Amstein Tyler Cook Matthew Gifkins Michael Kopiasz Jordan Lichtfuss Gregory Moore Nick Pobol Robert Pratt Michael Rogge Michael Vitale
First Aid and CPR Alexander Atlija Javier Cervantes Shawn Clow	Masters License Pre Exam Bashar Abboosh James Amaral Joe Ancona Parvesh Basant Dax Bigelli Shane Boudreau Casey Bowman Julia Brady Adam Brown Pasquale Cartaginense Rajiv Chopra Daniel Collet Marco Fantauzzi David Gallagher		Networking Fundamentals Micah George Brendan Heinz Michelle Le-Claire David Mascioli Peter Olders Andrew Ralston Gurpaul Singh Jesse Te	Welding - The Fundamentals Mike Chimienti Tyler Cook Cesidio Guida Cristobal Izurieta Michael Kopiasz Jordan Litchfuss Daniel Nisan Robert Pratt Roberto Quezada Ray Scheepstra Sandro Sieveking
			Trade Applications Austin De Sousa Marc Di Fonzo Daniel Foneca Justin Fralick Dwight Henry Robert Luciani Francesco Molinaro Antonio Napoli Andrija Nikolic Juvaine Tyrell	
			Variable Frequency Drives - Level I Ronald Chan Patrick Dudkowski	

SPRING 2021 COMPLETIONS

309A Pre Exam Victoria Alexander Paul Bukovec Mathew Catarino Daniel Chan Christopher Czarnecki Chris Dames Elisa Dellafortuna Giancarlo Deluca Ryan Dhurjon Christopher Faria Fabrizio Farronato Philip Franchino Francesco Gervasi Ceasar Gomes Caley Gould Daniel Ierullo Freddy King Ryo Ly Lucas Manou Joseph Mayne Leonard Moreira Cameron Nagy Denny Nagan Akamal Omarzayi Nikolas Proto Brandon Smith Matthew Sullivan Christopher Timm-Lorenzana Christos Tsagarakis	Alex Pope James Voroshuk	Jorge Martinez Derek Matthews Brandon McCandlish Carter McGhie Adam Medeiros Shaun Merryweather Michael Mihalakopoulos Scott Nageleiesn Daniel Di Nardo Carson Ng Christopher Nunuvero Adam Pariselli Andre Pimentel Brandon Poole Bradley Porter Micharl Rocks Sergio Santos Rishiharan Sasitahrn Justin Seguin Alexei Terekhov Kad Vicente Brian Wong Jordan Leebeert Wright Zhi Xin Wu	Frank Piscitelli Dustin Poonai Kyle Quackenbush Maciej Sosnowski Michael Thistle Tristan Tsang	Adam Totino Stephen Vieira Yingzhi Zhao
Basic Certification - Part I Khalid Abidalla Kathleen Berry Virgilio Buan Steve Cowie Catherine Ferguson Kate Martin Jaccky Ou	Conduit Fabrication - Level I Alex Arseneau Tyler Fifield Michel Henze Jakob Pelletier Brett Watson	Fire Alarm - Level II Jesse Balkovec Ross Garnick Steven Grozdanovski Daniel Ierullo Freddy King Nicholas Lo Alexander Pena Jacob Smyth Bruce White Anthony Ciccocelli Charles Magyari Francesco Molinaro Mudassar Munir	Fire Alarm - Level III Simon Agramonte Matthew Berlingieri James Dadd Tony Divitaris Lucian Doican Christin Eby Tim Lake Jhsi Lewis Zach Machado Daniel Pharant Siwen Shen Eugene Stebakov Justin Tanner Matthew Valeriani Richard Wilton Erin Worgan Fatih Acar Jeremy Allman Carmen Bruno Adam Clark Cameron Denieuwe Tyler Dunn Andrew Evtchouk Dermot Foley Dylan Frost Mark Hall Avinash Hiranman Ryan Major Brandon McNeill Daniel Moraru Gregory Stauch	Fire Alarm - Level IV Jason Di Mambro Richard Lambert Adam Leblanc Edward Pillinger Michael Procak Tim Shilson Nicholas Simons Alin Syed Vi Truong
	Fire Alarm - Level I John Abel Mark Bagshaw Victoria Alexander Gary Baillie Ryan Barwell Christopher Beauchesne Thomas Bermingham Neil Berrovoets Zack Bridge Justin Cautius Nicholas Celenza Jonathan Collier Stewart Coutu Patrick Dudkowski Travis Exley Piotr Ferenc Michael Ferry Jonathan Green Jake Hardy Roman Hernandez Victor Jimenez Adriaan Jongman Anthony Lagana Cale Laramie Paul Latimer Sham Luckhee Lucas Manou Daniel Marchese			Fire Alarm Certificate Renewal Thameem Aboobakker Franco Addante Tony Arruda Donabed Avedissian Sean Banks Michael Berkopec Tyler Board Anibal Carlos Calvo Adriano Caprara Wei Wei Chen Richard Correia Marcelo Cosico Bryan Cox Frank D'Agostino Glenn Dunning Farzad Emami Paul Figueiredo Domenic Francone Andrew Furfaro Antonio Galati David Gallagher Ed Goncalves Derek Guy

Jeff J. Hilton
Fatmir Isufaj
Michael Jeffries
Mehboob r. Karim
Jason King
Shawn Knott
Elena Krivenko
Joshua Leonard
Marc Lerner
Jian Li
Grzegorz Maczka
Kenneth Mah
Christopher Marino
Joe Mastronardi
Jon-Paul McCormick
Thomas Miller
Patel Mohamed
Paul Moniz
Fred Naci
Alberico Parravani
Vasile Prostean
John Reid
Michael Russell
David Shanahan
Alan Shier

Eric Silva
Krishnaraj Sivasubramaniam
Derrick Smith
Frank Trapani
Michael Blair Walker
Wayne Walrond
John Wickens
Daryl Wilkinson
Biao Zheng

Google Suite
Brad Hughes
Predrag Krstic

Networking Fundamentals
Kevin Cheung
Kevin Christie
Peter Darnbrough
Catherine Ferguson
Nicholas Kelessi
Evan Nitsopoulos
Paul Recoskie
Daniel Silveira
Krassimir Simov
Alexandre Suzin
Brandon Wagg

Pre Exam for Masters License
Alex Alicandro
Robert Barg
Michael Bastarache
Amrik Bir
Jorge Cardoso
Greg Carnovale
Garrett Chafe
Jason Cheesman
Jeffery Coleman
Anthony Cuzzolino
Lawrence Dawood
Edward Dobosz
Adam Erlach
Reza Farid
Paul Febbrini
Carlos Feser
Jeff Fitzsimmons
Jason Flowers
Jessie Foerter
Nick Furfaro
Michael Gallone
Kyle Gaylog
Sam Giordano
Josias Hernandez

Arkadiusz Jerszynski
Jaspreet Kainth
Greg Kimber
Tim King
Matthew Kirkwood
Spencer Kontor
Vitali Koudachkine
Adam Krolikowski
Kuwendran Kugathas
Mark Kurhan
Jonathan La Selva
Angelo Lanzillotta
Edwin Lau
James Love
Michael Marinaccio
Mark Massad
Gregory McGibbon
John McInnis
Nicholas Monaco
Devin Mueller
Matthew Neufeld
Derek Norton
Shaun Oliveira
Daniel Ortega
Milton Pacheco

James Page
Nicholas Paldino
Billy Peraza-Ramirez
Ryan Philipp
Sergey Ponidaiev
Jermy Ratte
Albert Richarson
Keven Rino
Shane Samuels
Lucas Scarlett
Blair Stephens
Klayton Stephens
Rajendra Sukul
Bo Sun
Seann Tanner
Michael Taylor
Sherwin Tinio
Jesse Tomes
Paul Torok
Michael Torres
Christopher Trumble
Hubert Vallverde
Steve Vitasek
Halil Yesilkaya
Adam Zaretsky

FALL 2020 COMPLETIONS

Fire Alarm Certificate Renewal

Khalid Abidalla
Nazir B. Bacchus
Keith Bartlett
Amrik Bir
Walter Cavalheiro
Tom Crnjac
Joe Dias

Doug Fisher
Chunsheng Lin
John Maltese
Bradley P Puddephatt
Chelsea Ryan
Luigi Saverino
Andrew Tebokkel
Jose Frank Valente

Tony Van Bostel
James Amaral
Michael Arruda
Glenn Chapman
Ryan Fontanna
Jeff Ireland
Wayne Kenton
Saeed Khalili

Tracy Lammin
Martin Lanta
Jeff Lilly
Ye Lin
Marco Lucca
Marek Marczewski
Jose Mazoninho
Ryan Philipp

Joseph Reardon
Jimmy Theodoracopoulos
Shawn Varola
Larry Roger Walton
Eric Wimalasekera
Valeriy Yakimchuk

SPRING 2020 COMPLETIONS

Baic Certification - Part I

Jeffrey Blackwell
Paul Mailhot
Douglas McMahon
Moustapha Ramput
Karl Wiegeler
Jack Wong

CSTT Installer

Carlos Januario
Robert Lavoie
Luis Lourenco
Lucas Manou
Joseph Nguyen
Nicholas Panico
David Rezaei
Giuseppe Romano
Ezekiel Yeboah

Fibre Optics - Level II

John Callaghan
Steven Costa
Michael Gallone
Jasenko Kokorus
Renold Lochan
Vikas Madan
Michael Mukupa

Fire Alarm - Level I

Jesse Balkovec
Lauren Bartlett
Mathew Catarino
Kevin Cheung
Francesco Gervasi

Jeffrey Gumbrell
Brian Guzman
Laslo Keleman
Igor Korolev
Stephen Kyer
Charles Magyari
Emmanuel Moscopol
Mudassar Munir
Andrew Packer
Jeremy Ratte
Tristan Tsang
Adrew Tyndall
Abdul Hares Yousufi

Fire Alarm - Level II

David Abergel
Fatih Acar
Brenden Adam
Jeremy Allman
Matthew Berlingieri
Carmen Bruno
Adam Clark
Christopher Connolly
Tony Divitaris
Rajesh Dubay
Tyler Dunn
Shawn Engel
Andrew Evtchouk
Fabrizio Farronato
Ceasar Gomes
Andrew Hanlon

Zach Machado
Dwight Matthews
Michael Saninesi

Fire Alarm - Level III

Jason Di Mambro
Richard Lambert
Adam Leblanc
Edward Pillinger
Michael Procak
Ali Syed
Vi Truong

Fire Alarm - Level IV

Michael Bobby
Mark Johnson
Jaspreet Kainth
Jason Kohler
Michael Martins
Daniel Menard
Lino Sciavilla
Rishik Sen
Michael Silva
Mark Tan

Fire Alarm Certificate Renewal

Robert Allen
Greg Atell
Vadym Bezsalov
Joe Biasone
Bryce Butler
Michael Chow

Kevin Davis
Matthew Dupuis
Gabe Felici
Marco Foggia
Michael Gallone
Piotr Gromek
Paul Harrison
Brad Hughes
Paul Jeffrey
Marcin Kaminski
Barry Kieman
Dominic Kong
Chris Kraska
Roberto Laratta
Michael Di Lorio
Brian McMillan
Phil Miasek
Dale Morrison
Raymond Ouellette
Wayne Price
Ian Rogers
Efain Romero
Angelo Sciaraffa
Spyro Selitsanos
Hoang Truong
William Veenhof
Michael Wassens
Roman Waslylyk
Andrzej Wolak
Ronald R. Young

Jiaming Zhou

First Aid and CPR

Fatih Acar
Thomas Barrett
Josh Borowski
Julia Brady
Robert Burke
Graham Butler
Ralph Colacito
Lawren Densmore
Brendan Espin
Rashid Faham
Weesam Farhat
Philip Fera
Christopher Griffin-Tinker
Jonathan Magda
Douglas McMahon
Michael Mihalakopoulos
Brenden O'Connell
Sergio Santos
Shabesh Shanmuganathan
Peter Skarpa
Myles Thomas
Ryan Treasure
Alain Ng Yan Woon

Solar Energy - Level I

Massima Cellucci
Chance Constance
Jeffrey Gumbrell

Rick Sainthill
ZhiXin Wu
Trade Applications
Jamal Bedward
Behzad Ghanizadeh-Namini
Resdeep Kanda

Collin Kelly
Nick Palazzo
Stedlee Regis
Albert Richardson
Van Phao Tram
Danny Vaccaro

Welding - The Fundamentals
Troy Jonathan Amstein
Julia Brady
Chris Camacho
Kevin Christie
Piotr Ferenc

Joseph Hamaway
Norman Kirkness
Ivan Knezevic
Marlon Mambly
Brian McCarthy
Gregory Moore

Andrey Orlov
Nick Pobol
Philip Stevenson
Mitchell Vangennip

FALL 2019 COMPLETIONS

A.C Motor Control - Level 1

Jorge Ayora
Ryan Callicragas
Brent Cleal
Frank Ferraro
Glenford John
Vito Lotti
Angelo Maccarone
Devin Mueller
Owen Rattray
Marc Sampogna
Alexander Sirko

AutoCAD Essentials for Electricians - Level I

Emmanuel Agbaje
Shane Boudreau
Nicholas Digirolamo
Susan Flanigan
Mike Josic
Carly Nodwell
Jonathan Pita
Robert Serzysko
Renzo Tonus
Kevin Yorke

Conduit Fabrication - Level I

Christopher Bedard
Kathleen Berry
Kevin Cornish
Stefan Dippolito
Derek Dolan
Cameron Elwood
Sergio Estrada
Brayden Ferguson
Michael Forbes
Philip Franchino
Adam Grande
Joshua Green
Christopher Jackson
Jeeva Jeevaratnarajah
Joshua Kalbhenn
Wilson Mach
Alessandro Maltese
Richard Marchese
Mitchell Mercer
Martin Christopher Myles
Cameron Nagy
Artem Orel
Jacky Ou
Travis Phillips
Umakan Sivagnanasundaram
Gavin Smith
Nathan Snowball
Daniel Stavrakos
Paul Summers
Robert Tinaburri
Cody Towsey
Caleb Veals
Mike White

Conduit Fabrication - Level II

James Byrne
Juan Castro

Patrick Dudkowski
Tin Lam
Liam Smyth
Fadil Uzunalic
Thomas Wilkinson
San Yu

Conduit Fabrication - Rigid Bending & Threading

Robert Dyke
Brandon McCandlish
Mike Stanyon
Jack Wong

Configuring & Troubleshooting Networks for Business Systems

Przemyslaw Bialasz
Franky Chan
Conway Jackson
Derrick Kellar
Derrick Laudal
Jose L. Medeiros
Elio Paldino

Electrical Vehicle Infrastructure Training Program

Terry Braun
Kevin Christie
Danny Da Silva
Kevin Davis
Adrian Drab
Edwin Gibson
Allen Porayko
Mark Rayner
Giuseppe Romano
Frank Tangheri
Patrick Vivacqua
Hamdi Zakarie

Electrical Code Review

Dimitrios Agrapidis
Michael Bardini
Marcello Carbone
Richard Chau
Don Chiaromonte
Tibor Csery
Lee Dobson
Alan Fried
Vincenzo Giorgio
Taylor Huff
Adriaan Jongman
Andrew Lenius
Chad MacCharles
Jordan Mercer
Andrey Orlov
Pasquale Piegari
Joe Thompson

Electrical Estimating - Introduction

Harry Acheson
Adam Bernacchia
Larry M Brace
Graham Butler

Peter Colomvakos
Andrew Daryawish
Trevor Gilbert
Shamar Hamilton
Brendan Jeffrey
Alex Konstantopoulos
Rui Muguel Goncalves Lopes
Eric Michaels
Paul Morris
Carson Ng
Adam Posaved
Jonathon Shier
Kyle Smith
Joseph Snitzer
Christian Wachna
Gord Wagner
Christopher Williamson

Electrical Health and Safety

Miroslaw Bieganski
Steven Gecse
Cesar Loor
Douglas McMahon
Rajendra Sooknanan
Karl Wiegele
Jack Wong

Electronics Level 1

Boghos Bardizbanian
Dennis Burke
Dave Mee
Roman Sushytskyy
Connor Timewell

Fibre Optics Level 1

Hongfei Cai
John Callaghan
Steven Costa
Steve Devekos
Michael Favretto
Michael Gallone
Robert Galna
Thomas Golec
Shawn Johnston
Paul Kellock
Jasenکو Kokorus
Shawn Low
Vikas Madan
Ryan Major
Michael McCusker
Michael Mukupa
Brandon Wagg
Haider Zahid

Fibre Optics Level II

Johnathon Cuco
Jonathan Cummings
Hilario Pobete
Kyle Quackenbush
Matthew Quesnel
Mahtog Tarhuni
Richard Wilton

Fire Alarm & Protection Systems Level 1

Basher Abboosh
Brenden Adam
Jeremy Allman
James Bellemore
Matthew Berlingieri
Adam Clark
Matthew Coates
Kevin Companion
Christopher Connolly
Andrew Da Cunha
Lawren Densmore
Tony Divitaris
Rajesh Dubey
Tyler Dunn

Fabrizio Farronato

Ross Garnick
Marc Giardini
Vincenzo Giorgio
Ceasar Gomes
Matthew Gouveia
Joseph Grado
Kevin Grasse
Steven Grozdanovsky
Andrew Hanlon
Ryan Howard
Wojciech Kania
Nick Kramer
Nicholas Lo
Zach Machado

Dwight Matthews

Kyle McGill

Bradley McNickle

Mark Michell

Daniel Moraru

Alexander Pena

Andrey Popov

Michael Sangines

Mantas Silvanavicius

Ljacob Smyth

Evangelos Angelo Tokatlidis

Ivan Znidaric

Fire Alarm & Protection Systems Level II

Michael Augustus

Thomas Barrett

Colin Beech

Mike Bull

William Bygrave

James Dadd

Cameron Denieuwe

Dylan Frost

Diamond Fruck-Siomos

Michael Grech

Connor Illes

Chrisitpher Johnson

Homeir Kazemi

Tim Lake

Ryan Major

Jason Di Mambro

Robert McEwan

Demetrius Mikrogianakis

Greg Otte

Launie Peters

Edward Pillingier

Michael Procak

Kelly Reading

Domenic Reid

Robert Scandrett

Jian Hong Shen

Gregory Stauch

Ali Syed

Michael Taylor

Vi Truong

Stephen Vieira

Robert Williams

Richard Wilton

Adam Wray

Fire Alarm & Protection Systems Level III

Michael Boddy

Mark Johnson

Jaspreet Kainth

Jason Kohler

Michael Martins

Daniel Puppi

Lino Sciaivilla

Michael Silva

Mark Tan

Renato Trindade

Eric Vorich

Fire Alarm & Protection Systems Level IV

Martin Narber

Michael Does

Gary Eatock

Ryan Hill

Trevor Howard

Timothy

Hurlbut

Marko Kaczor

Jose Martir Noguera

Derek Norton

Paul Ungur

Fire Alarm Certificate Renewal

Mesfin Abate

Louis Alexopoulos

Craig Arbic

David Bakker

Leonard Banaszak

Andrei Bouilov

Paul Cameron

Erik Ceschia

Jaye Chamberlain

Louie Chiappetta

Shane Cody

Richard Duncan

Bradley Ferguson

Mark Flanagan

Steven Flanagan

Camillo Guglielmi

Matthew Gun-Munro

<p>Andrzej Guzikowski Scott Harris Hongsheng Huang Leif Hudson Ryszard Janik Alfred Jantos Robert Kawasoko Kimoy Lima-Francique Bryan London Jack Lupo Hansruedi Minning Sorin Motorga David Ng Greg Parker Rick Pigal Marc Pitek Giovanni Scopacasa Ragulan Sivagurunathan Derek Smith Pawit Subwattachai Tony Tavares Patrick Teskey Oliver Tetzlaff Stephen Toth Nicholas Valente Sam Vuong Martin Wentland Leonid Zaidentrumf Michael Zlatar</p> <p>First Aid and CPR Khalid Abidalla Franco Addante Anthony Amato Robert Barg Jean Benoit Miroslaw Bieganski Christopher Borgia Christopher Brake Hugh Charles Wei Wei (Alex) Chen Christopher Choptiany Jamie Crools Johnathon Cuco Mark Dewar Tony Divitaris Michael Dlugosz Jorge Escalante Mark Granieri Frank Heutheaus Trevor Howard Lazarus Kiriakidis Rui Muguel Goncalves Lopes Lucas Manou Ljubisa Miric Fuad Mude Dieter Mueller Jorden Pinch Roberto Quezada Najeem Razban Jonathon Shier Mantas Silvanavicius Connor Timewell Christopher Tyrrell Alonso Vasquez Charles Veljkovic Brian Wilkie Anaslasios Xidias</p> <p>Fluke Networks CCTT - Copper Module Nabil Azir Przemyslaw Bialasz Peter Darnbrough Michele Dimech Kenneth Mah</p>	<p>Hugh McClurg Hilario Poblete Adeleke Shittu Sean Teron</p> <p>Fluke Networks CCTT - Fibre Module Nabil Azir Przemyslaw Bialasz Hongfei Cai Hugh Charles Kenneth Mah Hugh McClurg Hilario Poblete Glen Pritchett Adeleke Shittu Joseph Speciale Sean Teron</p> <p>Introduction to Thermography Ralph Colacito Michael Giancola Christopher Mackay Joe Mastronardi Bryan O'Malley Ozzie Puppi Roberto Quezada</p> <p>Labour and Social History Emmanuel Agbaje Edward Alves Cindy Krysac Tony Santia Brett Youngberg</p> <p>PEM - Pre Exam for Masters License Jorge Ayora David Burlo Kenneth Chen Jesse Cumber Joseph Di Nino Jack Do Rego Kirk Evelyn Ryan Gould Adriaan Jongman Ashraf Karim Mike Kracht Foday Lakoh Scott Macdonald Anthony Manvati</p> <p>MLX - Micrologix RSL500 Family of PLCs Paolo Audino Ralph Colacito Roman Sushytsky Danail Yakimov</p> <p>Network Cabling Level 1 Robert Allen Chris Ciliberti Natasha Costa Quincy Guevara Justin Lopes Kate Martin Stephen Page Terry Potter</p> <p>NCS-LAN Networking Cabling Specialist Pre-Exam Adrian Carbonaro Andys Kapidjis Jennifer Lopez Shawn Low Ken Mandalas Julio Martinez</p>	<p>Programming Siemens PLC and HMI Kevin Cornish Max Petryshyn Vincroft Thomas</p> <p>Solar Energy Level 1 Mohannad Abdi John Abel Robert Ariss Zack Bridge Robert Campbell Thomas Chittick Christopher Connolly Joakim Demetriou Rashid Faham Steven Feige Michael Gallone Thomas Golec Shamar Hamilton Robert Kekewich Jacob Kekich Zach Machado Kyle Martin Tim Matheson Mitchell Mihan Giuseppe Mizzi Leonard Moreira Fuad Mude Carson NG Cameron Pett Charles Seward Pedro Da Silva Michael J Vincent</p> <p>Solar Energy Level II Brian Aguilar Kavin Christie Chris Degan Christin Eby Richard Mahabir Ryan McKeown Jose L. Medeiros Jessie Sousa</p> <p>Trade Applications Melik Avedissian Stephanie Brown Javier Cervantes Mario Gaudio Paulo Martins Billy Peraza-Ramirez Mohammad Popal John Ricupero Ryan Rodin Bijan Sepanloo Andre Tash Adrian Tyrell Zuberullah Usmani</p> <p>Traffic Signals Javier Cervantes Carlos Januario Pasquale Piegari Mohammad Popal Moustapha Ramput Jan Schroeder Mantas Silvanavicius</p> <p>Variable Frequency Drives Level 1 Fancis Ambridge-Valpy Tony Arruda Michael Berkopec John Cabral Richard Chau Tom Crnjac Steve DiMarco</p>	<p>Ryan Fontanna Mark Granieri Carlos Januario Vito Lotti Fernando Marcelo Phil Miasek Paul Petryshyn</p> <p>Welding - Level 1 Philip Boyes David Brown Andy DaSilva Brendan Espin Michael Marchesano Akmal Omarzayi Tyan Treasure Michael Vitale Dimitrious Vorvis</p> <p>Welding - The Fundamentals Rowel Balitaan David Comparelli Andy DaSilva Daniel Dizon Daniel Fauteux Matthew Giffkins Mitchell Grant Michael Jaffray Michael Marchesano Akmal Omarzayi David O'Neill Donald Penticost Joshua Renaud Jon Shaw Kyle Thertell Ryan Trasure Dimitrious Vorvis</p>
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