



**ECAA**

Electrical Contractors  
Association of Alberta

# THE SPARK

ECAA NEWSLETTER

April 1, 2016

Issue 62

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## Calendar of Events

### CE Code Seminar Dates

EDMONTON

April 18th, 2016

May 16th, 2016

June 20th, 2016

CALGARY

May 12th, 2016

September 8th, 2016

November 10th, 2016

FORT McMURRAY

## Welcome to ECAA's E-Newsletter, The Spark!

This e-newsletter was created to keep members and industry informed on the Association's activities and upcoming events in a timely manner.

### President's Message

During my chapter meeting visits over the past month, I was inspired by the camaraderie as well as the positive attitude regarding most aspects of our industry and the economy in general. As I said in Fort McMurray, we have been here before and hard work always nets results. We will weather this as well and will be stronger for it.



We are looking forward to the 2016 Conference in a couple weeks and have most aspects of AGM and Training Day sorted. Sheri and her staff are in overdrive with all the prep as well as with the newest Masters course, upcoming code courses, other training and the day-to-day business. ECAA is definitely running at a level above! Good work ladies!

Enjoy the nice weather and don't forget to hug an environmentalist today (I think warm days worry them).

Regards,

Keven Lefebvre, PEC  
Provincial President

### Industry News

May 18th, 2016

GRANDE PRAIRIE

April 8th, 2016

MEDICINE HAT:

April 12th, 2016

[CE Code Registration Form](#)

#### MEETINGS

NORTH WEST

Thursday, April 7th

MEDICINE HAT

Tuesday, April 12th  
(Membership Drive)

LETHBRIDGE

Wednesday, April 13th

CALGARY

Thursday, April 14th

EDMONTON

Monday, April 18th

#### Upcoming Trade Shows

**Career EXPO**

April 28th, 2016

Red Deer College

**ECAA AGM & Training Day Registration is now open.** May 26th - 28th, 2016, Marriott River Cree Edmonton. On behalf of Provincial President Keven Lefebvre we invite you to attend our Technical Training Day and Annual General Meetings. We open with our *Provincial Golf Tournament on Thursday, May 26th* followed by our *Training Day on Friday, May 27th including Table Top Displays* by our Associate members finishing the weekend with our *Annual General Meetings and President's Gala on Saturday, May 28th*. Be sure to book your rooms by April 26th to guarantee you receive the negotiated rate. [REGISTRATION PACKAGE](#)

**SAVE THE DATE. Fort McMurray Chapter Wood Buffalo Apprenticeship Classic Golf Tournament** will be held on Wednesday, June 22nd, 2016.

**ECAA Sponsored Masters Course to take place in Calgary.** Contact the ECAA office if you are interested in taking this 2 week consecutive course at the end of June as minimum numbers will be required.

Hard Copy **Apprenticeship Scholarship Applications** available at the ECAA Provincial Office. Application deadline is June 30th, 2016.

**Congratulations to Scott White, PEC** (Western Electrical Management) recently elected as Vice-Chair of the Calgary Construction Association.

**BUSINESS FOR SALE.** Oscar's Electric Limited is a company that has been in business for over 50 years in Whitehorse, Yukon. It specializes in electrical contract work including but not limited to commercial electrical repairs, new installation, electrical wiring, and electrical maintenance. It also specializes in the maintenance, repair and rewinding of electric motors, repairs of power tools, generators, pumps, and other electric and mechanical machinery. It is the service center for a number of power tool and welder companies including Hitachi and Milwaukee, as well as Miller and Lincoln. It is a distributor for companies including Baldor Electric Motors, WEG Electric Motors, and Generac generators. Over the years Oscar's has maintained a reputation of dependability and because of this has had much of its advertising only through word of mouth. It has many long term customers as well as contracts with agencies such as Parks Canada, Yukon Government and Yukon Energy. Further inquiries can be directed to Bert Hadvick by email: [bhadvick@northwestel.net](mailto:bhadvick@northwestel.net) or phone: (867) 667-4796

**Attention: Building and Fire Safety Codes Officers.** Persons with Developmental Disabilities (PDD) Safety Standards April 1, 2016.

In support of the [April 1, 2016 announcement by Human Services](#) about the PDD Safety Standards Regulation under the Persons with Developmental Disabilities Services Act, Alberta's Minister of Municipal Affairs extended the exemption under the Safety Codes Act for accommodations for persons receiving PDD program services until December 30, 2016. This means the pause-period for inspections under the Safety Codes Act that began last fall will continue until appropriate solutions for accommodations for persons receiving PDD program services are developed. For more information and detail, please refer to the April 1, 2016 [letter issued by the Minister of Municipal Affairs](#). More Information:

[Alberta Human Services - PDD Safety Standards Consultation](#)

**LUNCH & LEARN: Tax Tips for Small Business Owners.** Join FBC over your lunch hour to learn about your tax responsibilities. The workshop consists of a 30 minute presentation, followed by a question and answer period where you can get your tax questions answered by one of our experts. We'll discuss:- Deductions (truck, home office, client relationship expenses, etc.)- Minimum Records (keeping receipts, truck mileage log) - Audits (How to avoid one, and what happens during an audit)

Lunch and coffee is provided. We will be holding a door prize draw for a chance to win a \$100 visa card! All participants will be emailed an ebook after the seminar. **WHEN:**Thursday, April 7, 2016 from 12:00 PM to 1:00 PM (MDT). **WHERE:** Lakeview Inn & Suites Black Gold Inn - 4302 50th Street, Drayton Valley, Alberta T7A1M4. Contact FBC for more information or to register online click [here](#).

**FALL PROTECTION - OSSA CERTIFIED TRAINING NAOSH WEEK SPECIAL.** The goal of NAOSH Week is to focus employers, employees, partners and the public on the importance of preventing injury and illness in the workplace, at home and in the community.North American Occupational Safety & Health Week. The ACSA, Parkland Regional Safety Committee (ACSA), RDCA and Rhino Integrated Safety Services are proud to offer this SPECIAL RATE FALL PROTECTION (OSSA) SAFETY TRAINING to all member companies, please see [REGISTRATION FORM](#). Starting Monday, May, 2nd through to Friday, May 6th, 2016. **There is limited seating for this course and it traditionally SELLS OUT fast**

**The City of Lloydminster is the recipient of the Alberta Construction Safety Association (ACSA) 2016 recipient Trailblazer Award for Safety**in the Lakeland Region. The City is also recognized for being the first Lakeland municipality to receive the award, which Megan Coulter, health, safety, and wellness manager for the City, said has made the City proud of the accomplishment. "In recent years we've worked really hard to wrap up our standards and expectations around health and safety. It is incredibly rewarding to have those efforts recognized by an organization like the Alberta Construction Safety Association," she said. *To read the complete article click [here](#).*

**A group of oilsands workers wants the Alberta government to support a program to retrain unemployed electricians as solar panel installers.** Liam Hildebrand is executive director of Iron & Earth, a non-profit organization asking the provincial government to help support its Solar Skills campaign, a project that aims to train 1,000 electricians from the oilsands sector to install solar panels on 100 public buildings, making their skills marketable across the energy sector. He says the group has developed a plan to retrain 1,000 people but needs help from the province and from industry. Hildebrand says it wants the government to designate provincial buildings for solar panels as part of the training plan. Iron and Earth estimates it would cost about \$8 million to install solar panels in 100 buildings. Hildebrand says eventually the group would like to develop programs to put more oilsands veterans to work in renewable energy projects such as wind, geothermal and biofuels. *To learn more click [here](#).*

**Reminder - 2016 Best Practices Conference taking place on May 10 & 11, 2016** at the Shaw Conference Centre in Edmonton. This year, we are excited to announce Mike MacSween, executive vice president of major projects at Suncor Energy Inc., as the keynote speaker who will discuss Leadership in Tough Times. Paul Pickering from Shell Canada Energy,

Craig Dotson from ConocoPhillips Canada Resources and Paul Kearney from Syncrude Canada will be on our benchmarking panel to discuss Success by Sticking to the Fundamentals. The focus will continue on the theme of Twice as Safe, Twice as Productive by 2020 with an emphasis on best practice implementation. There will be success stories to share and new productivity resources available. To register, please visit [www.coaa.ab.ca](http://www.coaa.ab.ca).

The search is on for the **Young Worker Safety Award: Recognizing Organization Leaders**. Workers under the age of 25 are a very vulnerable group and require special attention when it comes to occupational health and safety. In 2014, more than 30,500 young Canadian workers were seriously injured on the job and 38 of them died. Does your company have programs, policies and practices in place to keep young workers safe on the job? If so, [click here](#) to nominate your company for the Young Worker Safety award as part of Canada's Safest Employers awards. Nominations close June 1. For more information about Canada's Safest Employers, visit [www.safestemployers.com](http://www.safestemployers.com).

**Building Trades of Alberta Charitable Foundation is hosting their Annual Golf Tournament on June 2nd, 2016.** Edmonton Garrison Memorial Golf & Curling Club. *This year wear your finest plaid gear in support of Wear Plaid For Dad!* [Registration Form](#) [Sponsorship Opportunities](#)

**WCB's 25th Annual Charity Golf Tournament** is taking place on Monday, June 13th at the Edmonton Country Club. All proceeds from this year's event support the Calgary and Edmonton Firefighter Burn Treatment Societies. Start your day with a hearty breakfast and follow it up with 18 holes of fun, contests and the chance to win great prizes. The day will close with a luncheon, complete with awards for the contests and a cheque presentation to the Firefighter Burn Treatment Societies. Visit our [website](#) for tournament details, the registration link and sponsorship opportunities.

## Professional Electrical Contractor (PEC) News

**CONGRATULATIONS NEW PEC'S: Darrell Castor, PEC #305; Don Kuziw, PEC #306; Jason Ly, PEC #307 and Jonathan Schroedl, PEC #308**

### **New Energy Codes for Buildings Will Impact Electrical Installations**

Electrical contractors often do not give much thought to changes to and adoption of new building codes. The Alberta adoption dates of May 15, 2016 for the National Energy Code for Buildings (NECB) and November 1, 2016 for Section 9.36 (Energy Efficiency) of the Alberta Building Code 2014 signal the end of the six-month transition dates to the revised codes. After these dates new buildings must meet the requirements of these updated codes. It is worth noting that in most cases the NECB applies to all new buildings from Groups A, B and F1 and all new buildings greater than 600m<sup>2</sup> or exceeding 3 storeys from Group C, D, E, F2 and F3. Section 9.36 of the ABC applies to smaller buildings. In this article I am focusing on changes to the NECB.

The NECB provides the opportunity to meet design requirements using one of three approaches. The three approaches and some details of each are:

1. Prescriptive approach: This straightforward method is where specific code requirements are followed for each component of the building. As an example, for lighting calculations, there are 2 options:

(i) The lighting load cannot exceed a value based on total building area multiplied by a maximum Watts per square meter (from a table based on the occupancy) of the building, or

(ii) The lighting load is calculated on an area by area calculation based on a maximum Watts per square meter for each individual area and then totaled.

In both cases, depending on the occupancy of the room (classroom, office, etc.) many locations require occupancy sensors for lighting control. Other electrical loads such as large motors and transformers will be required to meet efficiency guidelines from other referenced standards.

2. Trade-off approach: In the trade-off scenario a builder or sub-trade could supply a component that exceeds the minimum NECB standard in one area as a trade-off to using a less than minimum component in another area. The trade-off method is component specific (i.e.: luminaires in one area trading with luminaires in another area).

3. Performance approach: Typically design professionals (architects/engineers) would design a building using energy modelling software (such as CAN-QUEST which is available from Natural Resources Canada) based on characteristics of the components such as wattage of LED luminaires, efficiency of HVAC systems, etc. Unlike in the prescriptive approach, this method can only be used as an approach to designing *a complete building*. Resources Canada.

For projects that are being built using the traditional design-bid-build method where contractors (general and sub-contractors) bid on the project based on blueprints and specifications provided by architects and engineers not a lot will change other than the energy-saving requirements will need to be met. In this case, the NECB requirements will be incorporated into the design by the design professionals. On the other hand, design-build contractors will now be the ones that must have staff (or contracted professionals) that incorporate the new requirements into the building design.

Any time any code goes through a significant amount of changes update training opportunities are very important for contractors, tradespeople and especially the Safety Codes Officers (SCO's) tasked with enforcing the latest changes. I recently contacted the Safety Codes Council and was advised that courses should be available in late May for Building SCO's on the changes to both codes.

Yours in Education,  
Larry Cantelo PEC,SCO  
Chair PEC Education Committee

**News from Alberta Construction Association**

[WCB Review Committee Announced](#)

The Alberta Government announced on Thursday afternoon that they were launching a review of the WCB, this will be the first since an MLA led review in 1999-2000. Three labour specialists were announced as heads of the committee to carry out consultations and to create a preliminary report in the fall while the final report will be expected spring 2017.

Pemme Cunliffe a former nurse, health administrator for Covenant Health and lawyer will represent the employers on the committee. She currently sits on the Labour Board where she was appointed in 2013. Her background is in labour negotiations.

ACA will be looking forward to carrying on our advocacy for our members to the committee and hope that we can continue to build on the meetings we have had in the past few months with government and creating a collaborative rather than a combative environment.

The WCB is an employer funded insurance scheme which should work to help workers when they have been injured on the job and we will continue to advocate for the employers to ensure fairness for all parties.

You can find out more about the committee [here](#), read the government press release [here](#), and see the terms of reference for the committee [here](#). Also Vice Chair Paul Heyens was quoted in an article by Graham Thomson last week around the issue which can be read [here](#).

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#### [ACA Federal Budget Review](#)

The Federal Government last week announced the 2016 budget. While there are few solid things for our members to look at the government changes to EI and especially funding to public transportation will likely have impacts for Edmonton and Calgary LRT projects.

It is estimated Alberta will receive \$350 million over the next five years for public transport projects. EI recipients outside of Edmonton will have access to longer benefit periods, for most about 5 more weeks, for a few up to 20 weeks more.

The Canadian Construction Association broke down some of the significant numbers in the budget which can be viewed [here](#).

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#### [Canada-Alberta Job Grant Member Survey - Improving Member Access to Funding](#)

ACA is considering partnering with the Government of Alberta to offer streamlined access to the Canada-Alberta Job Grant (the Group Submission Pilot Program). This will allow our members to easily access funding that will cover two-thirds of the cost of training (up to \$10,000 per person) until April 2017.

Please take this quick survey <http://goo.gl/forms/Y7IBqgyD4R> on your

company's training, the current Canada-Alberta Job Grant, and the potential pilot program. Your answers will help us design a program that best fits the industry's needs.

The deadline for response is April 8th. The survey should take about 5 minutes to complete.

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### [2016 Trade Definitions Now Available](#)

The 2016 edition of the Alberta Construction Trade Definitions are now available. ACA thanks the Edmonton Construction Association for its leadership in updating and improving the Trade Definitions. We encourage members to carefully review relevant scopes as there have been numerous improvements.

The 2016 edition also includes 3 new scopes:

- Concrete Formwork
- Concrete Finishing
- Cold Rolled Steel Framing

ACA, its member local construction associations and the 3000 plus member firms endorse adoption of the 2016 ACA Trade Definitions as a best practice. We encourage all tender authorities and their design consultants, specification writers, and contractors and suppliers to cite and utilize the 2016 ACA Trade Definitions for their projects.

Trade Definitions provide clarity to all construction project stakeholders as to the allocation of work to be bid and performed. This clarity in turn reduces confusion, error, disputes, and litigation.

The 2016 Trade Definitions represent a comprehensive update to reflect current technology and business practice, and are the consensus result of input from many industry volunteers. They are not a tendering system. Trade Definitions are a guideline and the allocation of work amongst trades on any given project remains the responsibility of the tender authority and general contractor.

All member companies and trade associations may request changes to any or all trade definitions by providing their request in writing to the Alberta Construction Association or the Edmonton Construction Association, care of the Trade Definitions Committee, before January 1st of each year. The request must include the change, reason for the change and the effect on the other scopes. The Trade Definitions Committee will review and rule on all requests. Changes to the definitions will be finalized and published on March 1st each year.

You can obtain a copy of the 2016 ACA Trade Definitions by downloading a complimentary copy from the [Alberta Construction Association website](#) or from the website of your local construction association. You may wish to put a reminder in your calendars to check the end of February each year for the latest edition.

## **Board of Directors Update**

A Board of Directors meeting was held on **Friday, March 18th** in the ECAA Boardroom. In attendance were President Lefebvre, PEC; Mr. Terry Barnett; Mr. Tim Brundage; Mr. Darrell Castor; Mr. Bob Clarke; Mr. Rob Coleman, PEC; Mr. Joe Davis; Mrs. Jeanette DeBruin; Mr. Eric Fadden, PEC; Mr. Clem Gratton, PEC; Mr. Dave Hagen (pm); Mr. Dennis Horrigan; Mr. John Knoll (am), PEC; Mr. Terry Milot; Mr. Brian Reed; Mr. Tim Tarita; Mr. Hans Tiedemann; Mr. Steve Warholik and Mrs. Sheri McLean (Recording Secretary).

Correspondence included a special invitation to APEGA Conference; Safety Codes Council Conference, June 1-3, 2016, at the Rimrock in Banff (ECAA a silver sponsor); AIT Awards (Mr. Chris Rauschnig, PEC attending on behalf of ECAA); Mr. Joe Davis has been re-appointed Fire Technical representative on behalf of ECAA for an additional three year term; Delay Advisory - Canadian Electrical Code, 23rd edition by PS Knight/ On March 8, 2016 the Federal Court issued a Ruling that electrical laws in Canada are privately owned. Information on the Ruling is available at: [www.restorecsa.com/news/article/private-law-arrives](http://www.restorecsa.com/news/article/private-law-arrives).

A request will be sent for ECAA representation on Building Sub-council to ensure better two-way communication regarding implementation, enforcement and feedback of the Building Code and new Energy Code. A presentation will be ready for the PEC AGM on the proposed Professional Master Electrician designation. 60/90 Overdue accounts were updated. January pro-forma reviewed in detail. Question asked if meals should be subsidized for the chapter presidents? Agreement that meals are already subsidized by Provincial. Will see if a better credit card rate can be obtained. CECA is looking for assistance in how to set Provincial dues. Looking at permit, man hours, WCB rates, members companies, as every Province collects dues. Alberta pays 15 per cent of CECA dues. Mr. Kim Wallin from BDO joined the Board and reviewed the draft 2015 financials. Year-end financials will be in the Annual Report Book circulated to members prior to AGM. Membership and PEC applications were approved. Chapter and Committee reports presented (detailed reported in this issue of the Contactor). Del Communications has asked if ECAA would like a commemorative 55th anniversary magazine (Del did the 50th one). Consensus yes because of the new logo launch. Call for Nominations included in Contactor mail-out. Reminder 2016 membership dues need to be paid. ByLaw change proposed for Retired Member category (circulated with Contactor). This ByLaw change requires a higher quorum at AGM. Please mark your calendars to show your appreciation to the volunteers on the Board by attending the AGM on Saturday, May 28th at 10:00 am. Meeting adjourned at 3:00 pm.

ECAA values our members for their continued support in providing direction and growth to the Association. Concerns? Questions? Please contact a Board member or your Executive Director.

### Local Chapter Activity

**CALGARY:** Next meeting Thursday, April 14th. **Guest Speaker:** Ernie Gagnon, FA Cables **Topics of Discussion:** VitaLink MC Meeting  
**Sponsors:** Texcan and High Line Electrical Constructors

**EDMONTON:** Next meeting Monday, April 18, 2016. **Guest Speaker:** Ernie Gagnon, FA Cables **Topics of Discussion:** VitaLink MC Meeting



**Sponsor:** Territorial Electric

**FORT McMURRAY: Save The Date:** June 22nd, 2016, Wood Buffalo Apprenticeship Classic Golf Tournament.

**LETHBRIDGE:** Next Meeting April 13th. Provincial President Keven Lefebvre, PEC attending.

**MEDICINE HAT:** Membership drive scheduled for April 12th. Provincial President will attend along with our Lethbridge, North West and North East Chapter Presidents.

**NORTH WEST:** Next meeting Thursday, April 7th. **Guest Speaker:** Gord Raymond, GP Wind & Solar Products

### New Members

**Contractor Members:** **Simpson Electric** (Rimbey); **Bonanza Electric**(Lacombe); **Townsend Electrical** (Sylvan Lake); **C&E Electric and Controls** (Westcove); **Horizon North Power Solutions** (Edmonton); **Trophy Electric** (Edmonton); **Seletech Electrical Enterprises**(Edmonton); **Midland Electric Alberta** (Lethbridge); **Regent Electric**(Bonnyville)

**Journey person Associates:** **Ron Prins** (Rocky Mountain House); **Reuben Visser** (Barrhead) and **Scott Chrichton** (Sherwood Park)

### Online Training

ECAA has launched the following new courses to our training website. Along with the Ethics and ESTS Electrical Worker Training on CSA Z462 we have added:

- ESTS Electrical Worker USA 2015
- ESTS Non-Electrical Worker Canada and USA 2015
- Bear Awareness Online Training
- Confined Space Pre-Entry Online Training
- Fire Safety Awareness
- Ground Disturbance Online Training - Supervisory 3.0
- H2S Awareness Online Training 2.0
- Hazard Awareness Online Training 2.0
- TDG Online Training 3.0
- WHMIS 2015 Online Training
- Defensive Driving - 3 Demerit Reduction Online Training (Alberta Only)
- Defensive Driving Condensed Online Training (CDN Version)
- Fatigue Management for Senior Administrators and Supervisors Online Training
- Fatigue Management: Driving Drowsy - Taking Responsibility Online Training
- Professional Drive Improvement Course Online Training - 3 Demerit Reduction (Alberta Only)

Start your training today on [www.ecaatraining.com](http://www.ecaatraining.com)

## Continuing Education

Registrations are being accepted for all courses scheduled in 2016.

[2016 PEC Course Schedule and Registration](#)

**DESIGN BUILD, Thursday, April 14th & Friday, April 16th, 2016 (Edmonton).** The design build course is an orientation to a relatively popular project delivery method that is intended for estimators, managers, engineers, executives and owners of electrical contracting firms to address opportunities in design build and expand their market share.

**BUSINESS & PUBLIC RELATIONS Friday, April 15th & Saturday, April 16th, 2016 (Calgary).** A series of five modules designed to give you essential and proven management concepts in the areas of managing: Credit & Collections, Business Promotion, Sales Management, Business Management and Human Resource Management. Each module will teach you hands-on management strategies to immediately begin improving the performance and profitability of your electrical contracting business.

**BLUE PRINT READING COURSE Friday, June 10th and Saturday, June 11th, 2016 (Edmonton).** On many projects, especially large ones, many electricians and apprentices have very little opportunity to spend much time reading the blueprints. This, despite the fact that the ability to effectively navigate through a set of prints is an essential skill for any tradesperson. This twelve-hour course is intended for both people who have a limited amount of blueprint reading experience and for those who want to brush up on their skills. The bulk of the time in this course will be spent reading commercial blueprints and answering a series of quizzes pertaining to them. A series of short lectures will supplement the print-reading exercises. A brief introduction to specifications will also be provided as part of the course. At the end of the course participants will have the option to purchase the textbooks and blueprints used throughout the course. *\*Not a PEC credit course.* [BLUE PRINT READING REGISTRATION FORM](#)

**ONLINE TRAINING AVAILABLE THROUGH ECAA. Stay tuned as ECAA will be uploading several more courses to our training site!**

[www.ecaatraining.com](http://www.ecaatraining.com)

**Arc Flash & Shock Electrical Safety Training** based on CSA Z462-2015 Developed for workers that perform energized electrical work. The course curriculum is based on the 3rd edition of CSA Z462, published in 2015. The overall course content was developed using industry accepted best practice standards as the underpinning in support of meeting Provincial or Federal regulatory due diligence for arc flash and shock.

ESTS Electrical Worker training is focused on the practical application of CSA Z462 within the workplace and providing documentation tools in support of the Employer's overall Occupational Health & Safety Management System and an Electrical Safety Program. Employers are required to have an updated Electrical Safety Program that incorporates the new requirements from CSA Z462-2015 for workers to receive the most

benefit from this course.

The ESTS Electrical Worker course is broken down into five sections for ease of use. Workers should self-pace themselves based on their understanding of the subject matter. All workers are encouraged to stop and start their course by saving their progress before exiting. At any time during the course workers can ask questions to an Instructor and follow along using a comprehensive Student Workbook as a training aid.

Students who score 80% or greater earn their training certificate and can apply for 0.6 Continuing Education Units (CEU's). Final assessment questions are fully randomized so Workers never have the same exact questions.

Electrical Worker Training Modules:

1. Introduction
2. Regulations, Consensus-based Standards and Best Practices
3. Understanding Electricity in the Workplace
4. Electrical Hazards: Understanding the Potential for Harm
5. Risk Assessment Procedure
6. Establishing an Electrically Safe Work Condition
7. Engineering and Administrative Controls
8. Electrical Specific PPE, Tools and Equipment
9. Emergency Response, Incident Reporting and Program Maintenance
10. Final Assessment & Work Task Scenarios

Learning Objectives for Qualified Electrical Workers:

1. Explain the Regulations and Standards applicable to their role and responsibilities.
2. Identify and understand electrical hazards and risk assessment.
3. Effectively manage electrical hazards by following the Work Flow Process to safely execute energized electrical work.
4. Learn how to complete an Arc Flash Risk Assessment and Shock Risk Assessment as part of an overall Risk Assessment Procedure (RAP).
5. Apply preventive and protective control measures to reduce risk.
6. Understand electrical incident emergency response and incident reporting requirements

The ESTS Electrical Worker training course was developed by Terry Becker, P.Eng., ESPS Electrical Safety Program Solutions INC. and ESPS is partnering with the ECAA to bring this training to Members.

To purchase this training course visit [www.ecaatraining.com](http://www.ecaatraining.com)

#### **FIRST LEVEL SUPERVISOR TRAINING PROGRAM**

This course offers the critical basic skills and concepts needed to supervise a crew in the residential, institutional, commercial, industrial and civil construction sectors. For more information click on the following link [First Level Supervisor Training Program](#) . Course is complimentary to all unionized electrical contractors and their employees that have a bargaining relationship with the IBEW Local 424.

Course cost is \$400 and to enroll contact Christine [chryniw@ecaa.ab.ca](mailto:chryniw@ecaa.ab.ca)

**ON-LINE ETHICS COURSE.** This course is designed for the Certified Master Electrician (CME) that desires to maintain that designation and for any Registered Master Electrician (RME) or Master electrician that desires to become a CME. Information at [www.ecaatraining.com](http://www.ecaatraining.com) (Ethics course).

### Contact Us

If you are an ECAA Contractor or Associate member and would like us to help promote an industry or company event please contact us directly at 1-800-252-9375.

We value your feedback and its important to us. Please submit any comments to [smclean@ecaa.ab.ca](mailto:smclean@ecaa.ab.ca)

**The next issue of The Spark will be emailed on May 6, 2016.**



# ECAA

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