



ECAA

Electrical Contractors
Association of Alberta

THE SPARK

ECAA NEWSLETTER

January 13, 2017

Issue 71

In This Issue

[President's Message](#)

[Did you Know?](#)

[ECAA Feature Benefit](#)

[Electrical Safety Program
"Product in a Box"](#)

[Industry News](#)

[Board of Directors Update](#)

[Chapter Activity](#)

[PEC News](#)

[Annual Professional
Development \(APD\)](#)

[News from ACA](#)

[PEC Courses](#)

[Continuing Education](#)

[Online Training](#)

Calendar of Events

[CE Code Seminar Dates](#)

EDMONTON

January 14, 2017

February 15, 2017

March 16, 2017

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

I hope everyone had a fantastic holiday season. I spent some quiet time in Castor, Alberta with my wife and mother-in-law. The weather was cold and we were hunkered down. It is good to slow down for a bit and enjoy time with the people you love.



Our Provincial government has welcomed their year with a new carbon tax. It seems they needed to work with our Federal government to get support for the much needed pipelines. Let's hope their plan works.

Special thanks to Tim Tarita and the ECAA staff as we have now established our 2017 ECAA budget. Thanks for all your hard work.

Our PEC Education chair Larry Cantelo will be representing the ECAA at a conference on Energy Storage. We need to keep up to date in the latest technologies. We want to be the go to people for these new technologies. Future opportunities will come to those who are prepared.

I will be attending the Alberta Construction Association's Annual General meeting on January 27. We like to keep close ties with all construction related associations in Alberta. We are in this together. We have common goals and industry concerns.

April 21, 2017

CALGARY
February 9, 2017

[Canadian Electrical Code
Update Registration Form](#)

Minimum numbers required

PEC COURSES

[2017 PEC Registration Form](#)

COURSES

Blue Print Reading

March 10th & 11th, 2017
(Calgary)

Blue Print Reading

March 23rd & 24th, 2017
(Edmonton)

MEETINGS

January 16th, 2017
Edmonton Chapter

Industry Night
February 9th, 2017
Calgary Chapter

Industry Night
February 27th, 2017
Edmonton Chapter

SOCIALS

Edmonton Chapter
President's Ball
January 21st, 2017

Join Our List

Join Our Mailing List!

As many of you may know the Alberta Electrical League, Calgary Electric Club and the Capital Region Electric Club have joined to form Alberta Electrical Association. We have asked to meet with their President and Board to understand their mission and vision to make sure we can co-exist in our common market place.

Our next Provincial Board meeting will be held in Edmonton at the ECAA office on January 20. I hope the weather is better for those traveling to Edmonton. So far this has been a nasty winter.

On January 21 the Edmonton Chapter will hold their President's Ball at the Chateau Lacombe Hotel. Come one come all.

I hope all of you can make it to our upcoming Electrical Contractors Association of Alberta Convention and Annual General Meeting. This event will be held in Banff at the Rimrock Resort May 25-28, 2017. Golf on May 25th, Training Day on the 26th, AGMs on the 27th, Gala on the Saturday night and Sunday breakfast with a guest speaker. Mark your calendars and I will see you there.

ECAA Chapter meetings are being scheduled across the Province. Please make the effort to attend. Thanks again to Sheri and her staff (Camille, Christine, Dorothy and Tammy) for all their hard work.

In conclusion I would like to quote - Peter McIntyre

"Confidence comes not from always being right, but from not fearing to be wrong"

Thank you.

Sincerely,

Darrell Castor, CME, PEC.
Provincial President

Did you Know?

ECAA issues Fire Alarm PIN's. What is a PIN? A Personal Identification Number that indicates the cardholder is qualified to perform maintenance on Fire Alarm Systems.

[Application for Fire Alarm PIN](#)

ECAA is looking for testimonials! Send us a testimonial on the benefit of being an ECAA Member. A couple of sentences or a short statement is what we are looking for. Your name will be entered into a draw to receive a \$50 gift card!

ECAA Feature Benefit

Arguably one of the best benefits of belonging is networking. **Did you**

know that the ECAA is made up of 8 Chapters across the Province? Calgary; Central; Edmonton; Fort McMurray, Lethbridge, Medicine Hat; North East and North West.

Edmonton and Calgary Chapter meet monthly and the rural Chapters meet quarterly throughout the year.

The best way to find out what we are all about is to join us as our guest at the next Chapter meeting.

Electrical Safety Program "Product in a Box"

Alberta OH&S Part 2 requires all workplace hazards to be identified and the hierarchy of controls applied. An Electrical Safety Program provides the resources to ensure tools are provided to analyze arc flash and shock hazards when they are recognized, and when properly utilized, guarantees that you fulfill the requirements of Alberta OH&S Part 2.

For more information on how you can license the Electrical Safety Program "Product in a Box", please contact the ECAA office.

Industry News

Edmonton Chapter President's Ball Saturday, January 21st. Join Chapter President Shani Ahmad at the annual **Edmonton Chapter President's Ball** taking place on Saturday, January 21st at the Chateau Lacombe Hotel. Cocktails, dinner and dance with musical guests The Counterfitz. Mayor Don Iveson will be in attendance to bring greetings from the City along with other Provincial MLA's. Tickets still available and can be purchased online <http://events.ecaa.ab.ca/events/edmonton-chapter-presidents-ball-2017/> or by contacting the ECAA office directly.

Thank you to the following wine sponsors: *Edmonton Electric; Provincial Electrical Services; Chemco Electrical Contractors; Guillevin International; High Line Electrical Constructors; Thomas & Betts; Metalmark Engraving; Optics Lighting; Wesco.*

ECAA's 55th Anniversary Convention early bird rates until March 31st, 2017. Join Provincial President Darrell Castor and his wife Elsie at *The Rimrock Hotel in Banff May 25th - 28th, 2017.* Sponsorship opportunities available and very much appreciated. ECAA has subsidized \$300 per couple to keep couple registration fees as low as possible; through your generous sponsorship donations we are able to do this. **Thank you to the following companies that have sponsored: *Schneider Electric; Ipex Electrical; Eaton; Chubb Edwards; Thomas & Betts; Federated Insurance; CECA.*** Joining us at our Convention will be both CECA and NETCO Board of Directors. [**CONVENTION REGISTRATION PACKAGE**](#)

In Memorial. The ECAA family lost two special people this past month. Deepest condolences go out to the families of Mr. Ornal Jorgensen and Mr. Brad Quist. Ornal was a Lifetime member of the Electrical Contractors Association of Alberta. Brad was a Director on the Edmonton Chapter Board for many years. Both will be sadly missed.

Congratulations to Mr. Russ Prosky, Guillevin International (Edmonton) on his recent retirement. Russ has been a long-standing member of the

Edmonton Chapter and will continue to assist ECAA staff with the Bob Carson Classic golf tournament.

ECAA Membership renewals were emailed in December.

If you did not receive your 2017 invoice, please contact caustin@ecaa.ab.ca. We recognize the downturn in the economy and appreciate your continued support. Contact ECAA if you have any questions or concerns.

ECAA has partnered with Del Communications to publish a 55th anniversary commemorative magazine. Members wishing to do so can advertise in this publication. Del Communications will be contacting our members directly in the near future with advertising opportunities.

CEIS Standard available through ECAA at a discounted rate. [Click here to download the order form.](#)

CME/RME renewal fee \$25 effective January 1, 2017. Stay connected and ensure your renewal is received to continue receiving the SPARK.

Reminder: Electrical Inspectors Association of Alberta (EIAA) Annual Technical Conference will be held February 3 & 4, 2017 at the Chateau Louis in Edmonton. Registration available on the EIAA website (www.eiaa.ca). **Friday's agenda includes:** Ark Tsisserev from AES Engineering discussing Consistency in Application, Installation and Enforcement of Electrically Connected Life Safety Systems; Amir Tavakoli from AES Engineering discussing Implementing Electrical Requirements of NECB With Related Codes and Standards; Updates from Alberta Municipal Affairs and the Chief Electrical Administrator; Opportunities to see and discuss new products on the market with industry rep's; Friday night social meet and greet sponsored by Thomas & Betts. Saturday's schedule includes: Reports from pertinent committees; Agenda items/code interpretation discussion; Any Unfinished business. Lunch and refreshments will be supplied both days.

The next **Electrical IP Red Seal Challenge exam** refresher course is starting in Edmonton February 6 - 11, 2017. Cost \$1575 including tax.

Timings: First day: 10:00 AM to 4:30 PM; Next 5 days: 9:00 AM to 4:30 PM Venue: 14920, 118 Ave, Edmonton, AB T5V 1B8; Telephone: 1-888-700-7555 to register or for more information.

The 2017 Annual Alberta Chamber of Resources Awards (ACR) banquet is less than a month away. ACR's two award recipients have been chosen and we could not be more pleased to recognize their past year of hard work and dedication:

- 2016 Resource Leader of the Year is ... **Jim Ellis**, President & CEO, Alberta Energy Regulator
- 2016 Indigenous Leader of the Year is ... **Audrey Poitras**, President, Métis Nation of Alberta

Here are a few other exciting highlights of the evening:

- Master of Ceremonies: Fletcher Kent, Global News
- Keynote Speaker: Ken Coates, Canada's Research Chair in Regional Innovation
- A delicious 3-course dinner prepared by one of Canada's finest chefs, Serge Belair

Register online today by visiting www.acr-alberta.com The cost is \$195 (+GST) per person or you can purchase a table of 8 for \$175 (+GST) per person. The deadline to register is January 25, 2017. The Banquet will be held on the evening of February 3rd, 2017 at the Shaw Conference Centre in Edmonton. Reception begins at 5:00 pm with the program and dinner commencing at 6:00 pm. Sponsorship opportunities are still available! The deadline to purchase sponsorships is January 13th.

Student Sponsorship Program. You also have the opportunity to sponsor a student through our Student Sponsorship Program, which provides young individuals with an interest in resource development careers, the opportunity to dine and socialize with ACR members and allow them to learn about Alberta's resource development community. The ACR has a list of students from NAIT, MacEwan University and the University of Alberta. Deadline for purchasing student sponsorship is January 19th. Any questions contact Thea Hawryluk at (780) 420-1030 ext. 222 or thea@acr-alberta.com

FUNDING AVAILABLE: On Wednesday, January 25, 2017, Western Economic Diversification Canada (WD) will be launching the next Western Diversification Program (WDP) Call for Proposals (CFP). Applications will be accepted until Thursday, February 23, 2017.

The WDP-CFP is targeted at not-for-profit organizations that are eligible for funding under the WDP, including First Nations, Tribal Councils, Métis and Inuit organizations.

WD is seeking applications under the 2017 WDP-CFP that directly support one (or more) of the following WD investment priorities:

- * Clean technology; and/or
- * Indigenous economic growth.

In parallel to the WDP-CFP, WD is also seeking applications for the Economic Development Initiative (EDI) to enhance the vitality of francophone communities. More information on the WDP-CFP application process, including objectives and priorities, and a list of upcoming information sessions in your province, is available on the [WDP website](#).

The following courses are being offered in Calgary by the Mechanical Contractors Association. PROACTIVE SERVICE™ WORKSHOP. The Proactive Service™ Workshop is a highly interactive training program specifically designed to help field service technicians build and leverage stronger, more durable business relationships, identify and close more business opportunities. February 8, 2017; 8:00 - 4:00 PM (Lunch Provided) Certificate and 1 gold seal credit given; Members \$495+ GST Non-Members \$635. [REGISTER NOW](#)

SUCCESSION PLANNING - Best practices to jumpstart your future! If you are a CEO, Owner, Senior Executive, HR leader, or Talent Management leader join us for to receive the tools needed to assess your organization's succession planning capacity against eight current best practices. You will identify gaps, opportunities, and risk areas and take

away strategies & tools for your next steps. February 16, 2017; 8:00-10:00 AM; Members \$95.00 + GST Non-Members \$110.00. [REGISTER NOW](#)

Board of Directors Update

A Board meeting was held on Friday, December 15th. Joining President Darrell Castor were Mr. Shani Ahmad; Mr. Terry Barnett; Mr. Tim Brundage; Mr. Bob Clarke; Mrs. Jeanette DeBruin; Mr. Eric Fadden, PEC; Mr. Dave Hagen; Mr. Dennis Horrigan; Mr. Bob Maslanko, PEC; Mr. Terry Milot; Mr. Chris Rauschnig, PEC; Mr. Tim Tarita; Mr. Darcy Teichroeb, PEC; Mr. Brandon Thoma, PEC; Mr. Hans Tiedemann; Mr. Steve Warholik; Mr. Keith Urlacher; Mr. Ray Wery, PEC and Mrs. Sheri McLean (Recording Secretary). Correspondence included Calgary Construction Association's 11th Annual Career Expo at the BMO Center in Calgary on April 12th; invitation to participate in Alberta Construction Association Annual General Meeting; approval of ECAA old logo as an official trademark; notification that Federated Insurance made a \$2500 donation to STARS Building Magic in the Air Gala; EIAA Annual Technical Conference agenda for February 3 & 4; Funding through Western Diversification Canada; letter from Apprenticeship & Student Aid Division, Alberta Advanced Education regarding the ECAA Calgary Chapter AIT scholarship. Request to remove that "preference be given to Calgary chapter members of ECAA" (further discussion to occur); seat on Building Sub-Council (request will be sent to Safety Codes Council inviting Mr. Darcy Teichroeb, PEC to Building Sub-Council meetings as a guest).

Discussion on suggesting ACSA look at a safety program for contractors with less than 10 employees; Qualification for Personal Identification Number (PIN); as well as Edmonton Fire Smoke Alarm partnership opportunity. 2017 Budget approved. October financials and December investments reviewed. Membership and PEC applications were approved, and reports provided by Chapter Presidents and Committee chairs (detailed reports in December Contactor). Meeting adjourned at 2:10. Chapter Presidents then met briefly with Mr. Gord Sheppard. Board meeting was followed by very successful ECAA Open House. Thanks to all who stopped by for some networking. A presentation was made on behalf of the Fort McMurray Chapter to the Emergency Relief Society as a thank you to them for fire relief efforts (this was televised on Global). Next meeting is Friday, January 20th.

Local Chapter Activity

CALGARY: Solar Energy presentation was held prior to the Chapter meeting on Thursday, January 12th with over 90 in attendance. Thank you to Jaye Jonsson (Solar PV); Darrell Castor, PEC (Risk Management); Toni Casamassima (Youth Employment Program). Thank you to all who attended the Chapter Christmas social. Chapter President Brian Reed was pleased to report that the goal of \$3500 plus 5 bins of food was surpassed. A presentation in the amount of \$5192 was made to the Food Bank at the January meeting. Thank you to Canem employees for their contribution of \$1100. Next meeting is scheduled for Thursday, February 9th. Join us at industry night featuring table top displays, updates, reports, and a fun-money casino.

EDMONTON: Next meeting Monday, January 16th. Join President Shani Ahmad and the Chapter Board as Inspectors from the City of Edmonton, Epcor, Fortis and Inspections Group address questions received from our Chapter members. **Come dance the night away at the Edmonton**

Chapter President's Ball on Saturday, January 21st. Tickets available online (<http://events.ecaa.ab.ca/events/edmonton-chapter-presidents-ball-2017/>) or by contacting the ECAA office. Next meeting is Monday, February 27th. As this is Industry Night, the meeting will be held at NAIT with a tour of their Alternative Energy lab as part of the agenda.

FORT McMURRAY: Meeting held with 17 in attendance on Tuesday, January 10th at the Best Western on Taiga Nova Crescent. Thank you to Gescan for sponsoring refreshments.

LETHBRIDGE: Meeting held with 38 in attendance on Wednesday, January 11th at the Sandman Lethbridge Lodge. Thank you to Troy Mills, Gescan as refreshment sponsor. Excellent presentation from Lethbridge Mayor, Chris Spearman and Stephen Dunne on economic overview of 2017.

Professional Electrical Contractor (PEC) News

Have You Ever Considered Becoming an SCO (Inspector)?

One of the by-products of a slumping economy is some of us are forced to look at the various options for making a career change. One option available to electricians is to become a Safety Codes Officer (SCO). In the electrical discipline, SCO's are broken into two categories; Group A and Group B. Group A SCO's typically inspect electrical installations covered by the CEC Part 1 and the Oil & Gas code. Group B SCO's typically inspect installations covered by the Alberta Electric Utility Code.

The entry qualification for a journeyman electrician is six years of field experience. When added to the four years spent as an apprentice, an electrician needs a minimum of ten year of experience to become an SCO. In addition to the experience requirement, a potential electrical SCO must take three base competency courses and two technical courses. These courses are offered by the Safety Codes Council (SCC), many by distance. Upon completion of the five courses you can apply to become an Electrical SCO.

Electrical SCO's, whether group A or B, are required to take code updating courses within one year of adoption of the applicable code; CEC updating for Group A and Alberta Electric Utility Code updating for Group B. The current code updating course offered by the ECAA meets the requirements for Group A SCO's.

We are very fortunate in Alberta to have very well trained electrical SCO's. In addition to the training courses, there is also an SCO mentorship program available through the SCC which helps new SCO's navigate the role of being an inspector. For further information on SCO training go to the SCC website: <http://www.safetycodes.ab.ca/Pages/Home.aspx>

Larry Cantelo PEC, SCO Groups A & B, BA Adult Ed.
Chair PEC Education Standing Committee

Annual Professional Development (APD)

Many PEC's have said it took more discipline to enter their points than to obtain the 60 points, so we appreciate your efforts in entering your points online.

The PEC APD term that has just ended for **Jan 1, 2014 to Dec 31, 2016** means you have until **Jan 31, 2017** to enter APD points earned during this term.

For PEC's approved prior to 2013 and in 2015 you are in your second year of your APD term of 2016 - 2018. Your 60 recommended APD points earned between Jan 1, 2016 to Dec 31, 2018 can be entered online until January 31st, 2019.

What PEC APD Term am I in?

Your APD term will start the first renewal payment date after approval of your PEC designation beginning January 1st ending December 31st of the 3 year term.

PEC's approved in:

2013 your APD term is 2014 - 2016.

2014 your APD term is 2015 - 2017.

prior to 2013 & 2015 your APD term is 2016 - 2018

2016 your APD term is 2017 - 2019

WHY KEEP CURRENT IN APD POINTS?

When our Association chose to step into the "Professional" arena it meant another level of respect and recognition for the Master Electrician. However with this "Professional Status" we must accept the responsibilities that come with this level of recognition. The APD program developed by our Association is a professional industry standard used by most professional associations for establishing a due diligence level of protection for the "Professional Members" of each association.

Need help?

Contact the ECAA office and we are more than happy to help by answering any questions you have with achieving and entering your APD points.

Thank you Mike Fleming Practice Review committee member.

News from Alberta Construction Association

[Survey Reminder for Members](#) Our member's survey is live on Survey Monkey and we could really use your input in the direction we are headed in 2017. If you could take a few minutes to review and respond it would be a tremendous help as we move into the new year and beyond. If you have not had the chance to do so please take the opportunity.

You can fill out the survey [here](#).

[ACA Responds to WCB Review Committee](#) In a letter dated January 9, 2017, the ACA outlined some of its concerns coming out of the review committee meetings at the end of 2016. There are a number of issues going forward that the ACA continues to have concerns about.

Included were a number of points:

- Changes should relate to the scope of the review
- WCB is an Insurance Program, and is not a replacement for taxpayer funded social programs
- Changes of the WCB should be based on evidence

While the ACA continues to have concerns we will continue to work with the government to try and reach a satisfactory solution for everyone in a time of economic hardship for construction owners and workers.

ACA letter to the WCB Review Committee can be read [here](#).

[OHS Announce an Employers Guide For Worker's Exposure to Silica](#)

The guide is intended to provide direction on how to complete a worker exposure assessment to determine compliance with the Alberta occupational exposure limit (OEL) for silica.

ACA is working with the Alberta Construction Safety Association to develop awareness and supervisor training for 2017. Once these practices are well established on Alberta jobsites, ACA plans to test with OHS to obtain hard evidence to confirm whether the current statutory limit is technically and economically feasible.

You can read more about the guide [here](#).

[ACA 2016 Year in Review](#) 2016 was a busy year for ACA. At the end of 2015 the Alberta government announced they would be forming the first review of the WCB for over a decade. We met with the [Labour Minister](#) and her staff on a number of occasions. In the late spring of 2016 the panel released a survey for the review. We worked with our members and with the Industry Task Force to craft a guide for [filling out the survey](#).

After the survey we asked to meet with the [review panel](#) and we were [present](#) when the panel had consultations in November. ACA is finalizing an additional submission which we will share with members through the next issue of the newsletter.

In the winter we met with the [Infrastructure Minister](#). During those meetings we [set the stage](#) for changes to [prompt payment](#) and reinforced our relationship with the ministry which invited the ACA to speak at a [press conference](#) in the fall.

As a result of the wild fires in Fort McMurray in May our [local construction associations](#) led a call to help out the citizens and our fellow construction members. We also met with the Premier's office to once again recommend [ACCERT](#) and discuss areas of common ground.

For a number of years we have been working with OHS regarding Silica and guidelines surrounding best practices and proving concepts. With the hard work of our committee we brought forward best practices for [silica](#)

[management](#). ACSA will be implementing silica training courses later this year.

In the fall ACA sent letters to [Alberta infrastructure](#) and the [Canadian Border Agency](#) over a drywall tariff decision. As a result, Alberta Infrastructure agreed to compensate the cost of the duty on contracts that were in force prior to the imposition of the duty. We also lobbied the federal task force [on Marijuana legislation and regulation](#) recommending a careful approach to protect employers for their actions to ensure safety in the workplace. ACA also took part in the federal discussions on the [Temporary Foreign Worker](#) program.

With the year almost over we were also proud to announce that the [Masonry Contractors](#) had joined ACA as an associate member. Also, we were able to update [our policies](#) for the future. All in all it was a very busy and productive year. While we continue to move forward on many files in the New Year we are always grateful to reflect on what we accomplished through you, our volunteers and members.

Thank you and may 2017 be a great year.

For more news and events visit www.albertaconstruction.net

Professional Electrical Contractor (PEC) Courses

Registrations are being accepted for all courses scheduled in 2017.

[2017 PEC Course Schedule and Registration](#)

Legal Implications (Dentons Law Firm) Thursday, February 9th & Friday, February 10th, 2017, (Edmonton)

This course will increase your awareness and understanding of legal issues and pitfalls common to electrical contractors. The course will also address incorporation, income tax and GST, construction contracts, subcontracts and liability thereunder as well as how to ensure payment for your work - including remedies available under The Builders' Lien Act.

****New PEC Course Dates Added****

Basic Electrical Estimating (Instructor Pat Barnes) Thursday, March 2nd & Friday, March 3rd, 2017 (Edmonton). For small contractors who are not ready to make the investment in a computerized estimating system.

Designed to teach new contractors the fundamentals of preparing an electrical estimate using the Elemental Format hands-on. The course will address material take-off, pricing of materials, labouring of materials using the NECA Manual of Labour Units, labour costs, special overheads, general overheads and profit/contingencies.

Business & Public Relations (Instructor Brian McCready) Thursday, April 6th & Friday, April 7th, 2017 (Edmonton). 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.

Safety Principles (Instructor Clarke Gould) Thursday, April 27th & Friday, April 28th, 2017 (Edmonton). A well developed safety program can reduce costs resulting from injury and property damage, and is the hallmark of a quality electrical contracting firm.. The first day of the course shows you each step to develop and implement an effective safety program for your small to medium sized electrical contracting firm.

The next day is designed to help managers ensure construction supervisors fine-tune their safety skills by:

- clearly understanding what their safety roles and responsibilities are
- presenting and delivering effective training to workers and maintaining high worksite safety standards
- conducting effective site inspections - and developing appropriate recommendations
- investigating - the steps to follow and processes involved

****Reminder all PEC's retaking courses 12 APD points apply. Reduced course rate of \$60 per course.**

ECAA Courses

BLUE PRINT READING (Instructor Larry Cantelo, PEC)

Friday, March 10th & Saturday, March 12th, 2017 (Calgary)

[Blue Print Registration - CALGARY](#)

Thursday, March 23rd & Friday, March 24th, 2017 (Edmonton)

[Blue Print Registration - 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.

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

ONLINE TRAINING

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 under pinning 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

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

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 (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

The next issue of The Spark will be emailed on February 3rd, 2017.



ECAA

Electrical Contractors
Association of Alberta

17725 - 103 Avenue Edmonton, AB T5S 1N8

Phone: 780-451-2412 Toll Free: 1-800-252-9375

www.ecaa.ab.ca



Follow us on **twitter**