

Edition #27

# **Limited Energy - Unlimited Potential**

Statewide Limited Energy JATC Newsletter
Phone #: 763-571-5922

Training Today's Industry for Tomorrow's Technology

### **Outstanding Apprentice**

We would like to congratulate *Jared Tidd* for achieving the Outstanding Apprentice Award for the graduating class of 2010/2011. He received an "A" average for all 3 years, has never had a late timecard and has only missed 2 school days during his 3 year apprenticeship. Jared's employer and instructor evaluations have been consistently excellent. He was nominated for this award by his instructors and we were also approached by several of his classmates who felt he was the most deserving of this award.

Receiving an Honorable Mention is *Joseph Penney*. Joe is the only Journeyman Installer we've had enter the apprenticeship training classes and successfully complete all three years of educational training. That shows real dedication!

We want to extend our thanks to Viking Electric and Ideal Tools along with Kline Tools for donating the award gifts for Jared Tidd and Joseph Penney.

### **Education Credits Required For Unlicensed Registration**

If you are Registered as Unlicensed the State requires you to have a minimum of 2 hours NEC code training prior to renewal of you unlicensed registration. The State is prohibited from renewing the registration of unlicensed individuals unless they receive credit for two (2) hours of instruction on the National Electrical Code (NEC) from an approved continuing education program per Minnesota Rule 3800.3602. There are no exceptions to this Minnesota Rule.

To help you meet this requirement we are having one 2 hour NEC Code Review class per month. Please note, this class is approved by the State and meets requirements for all people registered as unlicensed as well as licensed individuals that need an additional 2 hours NEC code training. You will receive your completion certificate at the end of the class. This certificate MUST be sent to the State with renewal of your unlicensed registration.

The fee for this 2 hour class is \$10 for signatory members and \$60 for all others. Class will be canceled if we do not have a minimum of 12 signatory members participating in the class. If we find that there is a greater demand, we will schedule additional classes.

For answers to your questions on this requirement, you may visit the State's website at <a href="https://www.doli.state.mn.us">www.doli.state.mn.us</a>.

#### **RF Communications**

April 2011

This course is approved for Bicsi credit as shown below and for 16 hours credit toward renewal of your Power Limited Technician License. This course includes: Radio frequency fundamentals, principles of transmission, reception, antennas, signal levels, distribution, and system testing of broadband and MATV systems.

This class is in Fridley on July 11, 13, 20, 25 & 27 from 5:00 to 9:00 p.m. all 5 evenings. You must attend all dates to receive credit. The fee for this class is \$65 for signatory members and \$265 for all others. The fee is due at time of registration.

Register early. When the class is full, we will not be able to register additional participants.

### **Networking/CCTV**

This class is 20 hours long and has been approved by BICSI as shown above and by the State for 16 hours of continuing education credits for your Power Limited Technician license renewal.

This class includes: Basic computer networking and networked CCTV systems, including DVR's; and will be held on May 9, 11, 16, 18 & 23 from 5:00 p.m. to 9:00 p.m. The fee for this class is \$65 for signatory members and \$265 for others.

The class size for this course is a minimum of 10 and a maximum of 15 students due to the size of our computer lab. No exceptions as we are limited by the size of our computer lab - so register early!

#### **Our Newsletter**

As you know, we've gone green and are only distributing our newsletter by email. If you know of anyone that would like to receive our newsletter, tell them to call us or register on our website at <a href="www.statewidelea.org">www.statewidelea.org</a>. Go to the Class Registration tab. Scroll to the bottom and use the same form you use to register for class, enter class name of "Email Newsletter". Please share this information with your coworkers so they can receive our newsletter as well.

We will continue to schedule continuing education classes and post them on our website. As always, you can register for class on our website or by calling our office.



#### From Sam's Desk

Now that our current school year as successfully concluded, it's time to start preparing for With the assistance of our

the new school year. With the assistance of our apprenticeship instructors, we will be reviewing and refreshing our curriculum and tests to allow you to get the most out of your training experience.

We are also looking for additional continuing education instructors. If you are interested, please contact me at our office to schedule an interview. I can be reached Monday thru Friday between the hours of 8:00 a.m. and 4:00 p.m. at 763-571-5922. I will also review with you the process for getting approved by the State of Minnesota to teach continuing education classes.

#### Are You Registered as Unlicensed?

"Minnesota Statute 326B.33, Subd. 12 prohibits any individual from performing electrical work requiring a license without first holding a license or being registered as an unlicensed individual. Working without first being registered subjects the individual to enforcement and administrative penalties of up to \$10,000 per violation."

This information can be found in the Statutes posted on the State's website. The above is a paragraph in a letter from the Minnesota Department of Labor & Industry to an individual that neglected to renew his unlicensed registration on time. It's your money! Make sure you keep your unlicensed registration up to date. It only costs \$20 to renew on time. If you are not currently registered, get it done now. You can visit the State's website at <a href="https://www.dli.mn.gov">www.dli.mn.gov</a> or see our website for a link to the State form you need.

## **Unlicensed Registration Continuing Education Classes**

The following is a list of class dates that meet education requirements for renewal of your unlicensed registration. The fee for is \$10.00 for signatory members and \$60.00 for others.

Fridley (from 5:00 p.m. to 7:00 p.m.)

May 24<sup>th</sup>

June 21<sup>st</sup>

July 19<sup>th</sup>

August 23<sup>rd</sup>

#### **Duluth & Rochester**

Scheduled upon request

Please note, you may also attend any number of other classes we have available for you to meet your requirement, but you must attend the entire class to get any credit. The State does not allow for partial credit for any of our continuing education classes.

#### **FOA Fiber Optics Certification**

We are offering the FOA (Fiber Optic Association) Fiber Optics Certification Course again this summer. This course includes an opportunity to test and achieve a Certified Fiber Optics Technician (CFOT) Certification. The course will include topics such as theory, installation practices, testing and splicing procedures as well as many others.

With this class, you have the opportunity to achieve FOA Fiber Optics Certification, but that's not all! This class is also approved for 16 hours of continuing education credits for your Power Limited Technician License renewal.

This is a 32 hour course and will contain hands-on labs with many different termination types and splicing methods. Once you have achieved this certification, you are not required to obtain continuing education credits to maintain your certification. This class will be on Tuesday & Thursday evenings on May 10<sup>th</sup> thru June 2<sup>nd</sup>. The classes will be held from 5:00 p.m. to 9:00 p.m. each evening. If you are interested in learning more about this certification, visit the FOA website at www.thefoa.org.

The student limits for this course are a minimum of 10 people and a maximum of 14. The classroom fee is \$200.00 payable at time of registration. This includes all lab materials, books and the test fee required to achieve this certification. This is a great deal for you. Light Brigade offers this same course in a 16 hour class for \$1,800 plus \$60 for the exam.

Register early so we can have all lab supplies, books and other materials available by the 1<sup>st</sup> day of class.

#### **Cisco CCNA Course**

We are offering the CCNA Exploration, parts 1 & 2 of 4. This is a 96 hour CCNA exam prep course. Our instructor for this course is a Cisco Certified Academy Instructor. The course will be Tuesday & Thursday evenings from 5:00 to 9:00 p.m. on May 10<sup>th</sup> thru July 27<sup>th</sup>. This course will not be offered again until at least 2012.

After completion of this course you may test at a Pearson Vue testing center. If you take our course, you will receive a \$100 test fee discount voucher for your 1<sup>st</sup> CCNA test. <u>The people that completed this course with our JATC were successful when testing at Pearson Vue.</u>

If you didn't complete the apprenticeship program in last few years, you may want to prepare yourself by studying Todd Lammle's Network+ book available at <a href="https://www.amazon.com">www.amazon.com</a>.

A laptop or home computer is not required for this course, but is highly suggested so you have the best opportunity for successful completion of your goal to obtain certification.

Student limits for this course are a minimum of 8 and a maximum of 12 students. Class fee is \$400 for signatory members and \$800 for other IBEW members plus a book fee of \$130. **Payment is due prior to our ordering books.** This is a great deal for you. Other facilities offer this course for \$1,800 to \$2,500 which often does not include the exam fees.

Please register early so we can have all books and software available by the 1<sup>st</sup> day of class.

#### **Answer Box**

We appreciate your questions, so please keep asking. Remember, the question you ask is probably something that someone else is wondering.

<u>Ouestion</u>: I am registered as unlicensed and I took the 2 hour NEC code class. Last year all I had to do to renew was to pay the renewal fee. This year I also have paperwork to fill out. The State said I need to send them proof of my 2 hour NEC code class. Don't you let them know that we took the class?

<u>Answer</u>: Yes we do, but the State does not track training information on unlicensed individuals in the same manner as they track training for people that hold a license. Before the State will send you your renewed unlicensed registration card, you must mail in the completion certificate that you received when you attended class. It's easiest for the State if you mail the certificate with your renewal form and payment of the renewal fee. But if you forgot to mail it in, send it with a note or post-it with your unlicensed registration number.

<u>Ouestion</u>: I know you have classes that are approved by Bicsi for continuing education credits but I have a Nicet certification. Do you have any classes already approved by Nicet that I can take to get credit when I renew my certification?

<u>Answer</u>: No. Nicet does not pre-approve continuing education classes. If you want to use any of our classes for this purpose, please let us know. We can provide you with a copy of the course outline as approved by the State of Minnesota and you can submit that to Nicet with your certificate of completion for the course. You may want to take care of this early so you have ample opportunity to complete a course if they do not grant you credit.

#### Power Limited Technician License Test Prep Class

If you are planning to take the license exam, consider taking our License Test prep class. The fee is \$50 *due at time of registration*.

This is the first class that we will be preparing you for the power limited license test based on the 2011 NEC Codes. You need the NEC 2011 Code Book as well as Mike Holt's "Understanding Low Voltage and Power-Limited Systems" book based on the 2011 National Electrical Code. If you need either of these books, you may purchase them from our JATC. The NEC 2011 Code Book is \$75.00 and the Mike Holt book is \$44.00.

This is a 16 hour class, so commit your schedule to all dates listed below when registering.

Fridley June 14, 16, 21 & 23 from 5:00 p.m.to 9:00 p.m.

REGISTER EARLY and let us know if you need books!
This class is not open to the general public.

### PLT License Continuing Education Classes

The classes listed below are approved for license renewal continuing education credits. All class eligibility and fees are posted on our website.

#### **Continuing Education Class Schedule:**

8 hour courses

#### **Fridley**

**Understanding Power** May 10<sup>th</sup> & 12<sup>th</sup> **Limited Systems** May 14<sup>th</sup> Basic Security Systems May 23<sup>rd</sup> & 25th **Building Automation** June 6th & 8th Residential Audio Video June 11<sup>th</sup> Basic Card Access June 27th & 29th **Basic Paging Systems** July 11<sup>th</sup> & 13<sup>th</sup> **Basic Security Systems** July 26<sup>th</sup> & 28<sup>th</sup> Basic Card Access August 8<sup>th</sup> & 10<sup>th</sup> Fiber Optics **Basic Card Access** August 13<sup>th</sup> August 16th & 18th **Building Automation Understanding Power** August 22<sup>nd</sup> & 24<sup>th</sup> **Limited Systems** 

#### **Continuing Education Class Schedule:**

16 hour course

#### Fridley two 8 hour Saturdays

Fire Alarm (16 hr class)

July 16<sup>th</sup> & 23<sup>rd</sup>

#### **Rochester & Duluth**

Scheduled upon request

Saturday classes run 8:00 a.m. to 5:00 p.m.; weekday classes run 5:00 p.m. to 9:00 p.m. NEC code book, hard hat and safety glasses are needed for many of these classes. Please come prepared.

Class may be canceled if we don't have a minimum of 12 participants registered. You will be called within 2 days of the scheduled class date to confirm your participation or notify you of class cancelation.

Although you may be tempted to take a continuing education class in your area of expertise, you will enjoy the class and learn more if you sign up for something that challenges you.

We are not a testing facility for the Power Limited Technician License exam. If you are planning to take the license exam, you must apply with the State of Minnesota and get approved. Without this approval, you will not be able to schedule yourself for the exam.