



Limited Energy - Unlimited Potential

Statewide Limited Energy JATC Newsletter

Edition #21

Phone #: 763-571-5922

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Training Today's Industry for Tomorrow's Technology

Computer Fundamentals

We have had numerous requests from members wanting to know when we will be offering a Computer Fundamentals class. Well, you're in luck! We are offering this class in June. The dates are **June 15, 17, 22, 24, 29**. If you plan to attend, please commit to all 5 evenings.

This course will include training in the areas of XP Operating Systems, Microsoft Office and internet search engines. The book fee is \$40.00 payable the first evening of class.

Please note; the class size for this course is a maximum of 15 students. If you are interested, register now. With the number of requests we've had for this class, it's sure to fill up fast.

FOA Fiber Optics Certification

The FOA (Fiber Optic Association) Fiber Optics Course is a new class being offered by the JATC. This course includes an opportunity to test and achieve a Certified Fiber Optics Technician (CFOT) Certification. The FOA course will include topics such as theory, installation practices, testing and splicing procedures as well as many others.

This is a 32 hour course and will include hands on labs on most evenings of class. and will include many different termination types and splicing methods. This certification is very different from others as it does not require continuing education credits to maintain your certification. The class will be held **July 7, 9, 14, 16, 21, 23, 28, 30** from 5:00 p.m. to 9:00 p.m. each evening. If you are interested in learning more about this certification, you can visit their website at www.thefoa.org.

The student limits for this course are a minimum of 10 people and a maximum of 14. The total cost of this course is \$150.00 which includes all materials, books and the test fee required to achieve this certification.

Please register early so we have the opportunity to have all lab supplies and other materials available by the 1st day of class.

Power Limited Technician License Test Prep Class

The State is testing on the 2008 NEC codes. If you are planning to take the license exam you may want to consider taking our License Test Prep class. You will need the NEC 2008 Code Book as well as Mike Holt's "Understanding Low Voltage and Power-Limited Systems" book based on the 2008 National Electrical Code. If you need these books, you may purchase them from our JATC. The NEC 2008 Code Book is \$60.00 and the Mike Holt book is \$44.00. **This is a 16 hour training so please commit your schedule to the dates and times listed below when registering for class.**

Fridley May 26, 28, June 2, 4 from 5:00 p.m. - 9:00 p.m.
Tuesday & Thursday evenings.

August 11, 13, 18, 20 from 5:00 p.m. - 9:00 p.m.
Tuesday & Thursday evenings.

REGISTER EARLY and let us know if you need books! This class is not open to the general public. Register by calling our office at 763-571-5922 or through our website at www.statewidelea.org.

The Answer Box

Please keep asking questions. Remember, the question you ask is probably something that someone else is wondering.

Question: I just got laid off and my Union told me I need to go to the JATC and take a test. When can I do that, and do I need to register ahead of time?



Answer: You do not need to register ahead of time. The tests are given every Wednesday and Thursday at 9:00 a.m. The tests are only given at our JATC facility in Fridley.

Question: Do you have a study guide available or a list of books that I could use to study for the skill test?

Answer: Yes, we do have information available on our website. When you are on our site, click on "Forms" and select the "Referral Test Study Guides". This has basic information on the types of topics included on each of the four tests.

Please visit us at: www.statewidelea.org



From Sam's Desk

The Statewide Limited Energy JATC is looking for instructors.

The plan is to revise our current continuing education classes as well as develop additional classes. If you are licensed by the State of Minnesota, (PLT License) and have achieved technical certifications, please contact me to schedule an interview. We are specifically looking for individuals with certifications in following areas:

Voice, Data, RF Technologies, Networking, CCTV, Card Access, Security, Fire Alarm, Residential Audio/Video, Computer Systems, Computer Fundamentals, or Electronics.

We are looking for individuals who not only share a passion for teaching, but also are dedicated to the future training needs of our industry. Individuals looking to apply should not consider this a means to extra income.

If chosen, you will not only be asked to teach classes, but also help develop them. Interested parties must also possess a comfortable working knowledge of Microsoft Office, specifically, Word, Excel and Power Point.

If interested, please call me to schedule an interview. You may also send me your resume' by e-mail at sdipaola@statewidelea.org.

Fire Alarm Course

This is typically a Journeyman course, however; you do not need to be a Journeyman to register. When we offered this course in February, we were asked if we could have it available over the summer when some of you may have more time or fewer issues getting here due to inclement weather. To accommodate your wishes, we will have this class available on the evenings of **June 25, July 2, 9, 16, 23, 30, August 6** from 5:00 p.m. to 9:00 p.m. This class has been approved for 16 hours of continuing education credit toward license renewal. Please note, you are required to be present all evenings to receive credit through the State.

The books required for this class will be the Fire Alarm text book and workbook. **Your cost for these books totals \$55.00.** The books can be purchased the 1st evening of class. Please let us know if you need books at the time you register.

****Please note, classroom participation requires a minimum of 10 people and a maximum of 25 unless otherwise specified.**

Please let us know if you are looking for a class we do not currently offer. Your requests matter to us.

PLT License Continuing Education Classes

These classes are designed for people who have their Power Limited Technician License and need to obtain the required continuing education credits for renewal. Our classes are approved by the State for license renewal education credits. If you are employed by a contractor signatory to the Limited Energy Agreement, you can register for continuing education classes with **no classroom fee**.

Other license holders may register for this training, but are required to pay a \$100 fee. This includes any IBEW member who is employed under a "stand-alone" collective bargaining agreement.

Continuing Education Class Schedule:

Fridley

Building Automation	May 16 th
Residential Audio/Video	May 18 th & 20 th
4 hour NEC Code	June 11 th
Basic CCTV	June 15 th & 16 th
Basic Card Access	June 27 th
Building Automation	July 13 th & 14 th
Basic Paging Systems	July 18 th
Basic Security Systems	August 10 th & 11 th
Understanding Power Limited Systems	August 15 th

Rochester

Basic Fire Alarms	May 16 th
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Classes with two dates listed are on weekday evenings from 5:00 p.m. to 9:00 p.m. Classes with one date listed are Saturday classes from 8:00 a.m. to 4:30 p.m. The only exception is the 4 hour NEC Code class. NEC code book, hard hat and safety glasses are needed for many of these classes.

You can register for any of these classes on-line at www.statewidelea.org or call our office at 763-571-5922.

Although you may be tempted to take a continuing education class in an area you already know, you will learn more and get more out of the class if you sign up for something that does not include what you do on your daily job. **Challenge yourself!**

Register for class on line at: www.statewidelea.org or call us at 763-571-5922

4 hour BiCSI credited classes

We have a unique opportunity that isn't presented to you often. Mike Cooper, of Tyco Electronics, will be conducting two 4-hour BiCSI credited classes.

The first class is scheduled for **May 12th**, titled "Fiber Optics 101". This will detail the basics of fiber optics, including a hands-on session with fiber terminations.

The second class is scheduled for **May 13th**, titled "Shielded 10 Gb cabling". In this class, Mike will discuss the usage and installation methods for shielded 10 Gb twisted pair cabling. The 10 Gb class will also discuss the electrical specification of shielded twisted pair cabling, as well as grounding and bonding requirements.

Since these classes are BiCSI credited, we expect both of them to fill quickly. The fiber optic class is limited to a maximum of 20 people. Register early to make sure you don't miss out on this opportunity.

Principles of RF Communications

This is a new class being offered to you. It has been submitted to the State for approval of 16 hours of continuing education credits. We have not received approval yet but expect no problems receiving this.

This class will include: Radio frequency fundamentals, principles of transmission, reception, antennas, signal levels, distribution, and system testing of broadband and MATV systems.

This class will be held from 5:00 p.m. to 9:00 p.m. on **July 13, 15, 20 & 22**. The cost of hand-outs is \$10.00 payable on the first evening of class.

Please register early for class. Don't wait until the last minute to register!

NICET Prep Class

Are you attempting to get your NICET Certification? If so, this is an opportunity you won't want to pass up!

We are offering an NICET test prep class at our Fridley location from 5:00 p.m. - 9:00 p.m. as follows:

August 10, 12, 17 & 19. From 5:00 p.m. to 9:00 p.m.

This is a 16 hour class. If you are going to get the most from this training, it's important for you to attend all 4 evenings. ***This class is not open to the general public.***

You will need the 2002 NFPA 72 and 2005 NEC code book. Let us know if you need books. If NICET changes the book requirements, we will notify you. Register **early** by calling our office at 763-571-5922 or through our website at www.statewidelea.org.

Networking /CCTV

This is a new class being offered to you. It has been submitted to the State for approval of 16 hours of continuing education credits. We have not received approval yet but expect no problems receiving this.

This class will include: Basic computer networking and networked CCTV systems, including DVR's. This class will be held on **August 17, 19, 24, 26** from 5:00 p.m. to 9:00 p.m. The cost of hand-outs is \$10.00 payable the first evening of class.

The maximum number of students for this class will be 15 people. No exceptions as we are limited by the size of our computer lab - so register early!

Unlicensed Registration

You must renew your Unlicensed Registration each year. If you have not renewed, you may be expired.

Did you know that if you apply to take your license exam your request may be denied! That's right, if you are not registered as unlicensed, your working hours will not be credited toward the total number of hours required by the State and your application will be denied. This holds true for the period of time that your unlicensed registration was expired as well.

Look at the consequences, not only will you be removed from your jobsite if a State Inspector finds you working on a jobsite with no license or being registered as unlicensed, but you will also be denied the opportunity to test for your license if you are not registered.

Renew your registration or, if you are not already registered, do it now. This can be done by:

- Visiting our website, we have a link to the State where you can download the form you need.
- Visit the State website to apply or renew at www.doli.state.mn.us/license.
- Go to their office located at:
Department of Labor & Industry
Code Administration & Inspection Service
443 Lafayette Road N.
St. Paul, MN 55155-4304

FYI - The State may be requiring continuing education to renew your unlicensed registration by the time of your next renewal. Take advantage of the classes we have to offer. Apprenticeship students will automatically meet the continuing education requirements as our apprenticeship classes are already registered.