



WIRED IN



VOLUME 9, ISSUE 12 DECEMBER 2008

MESSAGE FROM THE PRESIDENT

HAPPY HOLIDAYS AND HAPPY NEW YEAR!

This year seemed to pass by fast. It has been very busy at the IEC Chesapeake offices and schools. Every member should be very proud to be part of such a great organization that helps us better our business in multiple ways.

Some great achievements that has been worked on or put into action this year are:

Safety: Increased members on committee, Identified an online class provider

Apprenticeship & Training: Created instructor resource list, Initiated marketing of the Electrical Industry as a career path

Continuing Education: Classes approved for CEU's in VA, Increased promotion of classes to non-members

Workforce Development: Established a committee, Developed Mission Statement

Membership: Established a Members At Large category

Events: Re-established a Golf outing

National IEC Recognition: Apprenticeship Chapter of the Year, Executive Director of the Year

I would like to thank all the committee members for their leadership and efforts put forth in the success of the tasks put upon them. We all have business challenges and it is great to see each committee work together to suggest and make necessary changes to enhance the programs and services offered here at IEC.

Also thanks to the IEC Chesapeake staff for the excellent service provided to all of us. It takes a lot of time and coordination to implement the committee ideas and desires and find ways to help us all. Many apprentice and continue education classes are consistently running and always requiring attention.

We have some committee opening so feel free to call the IEC Chesapeake office if you would like to get involved or complete the form you will be receiving in the mail within the next couple of weeks. We would love to have you attend anything that concerns or interests you.

Thank you,
Don Ord
Aztec Electric Service Inc.

It is with great sadness that we inform our members that Christopher Haines passed away November 21, 2008. He will be missed a great deal. He was a friend and a teacher whose students learned a great deal.

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WE WILL MISS YOU NATALIE!

Natalie Gloss made the difficult decision to leave IEC Chesapeake after 6 years of being with us. She wanted to spend more time at home with her children. We all wish her good luck!





SAFETY

JIM'S SAFETY TIP OF THE MONTH

December 2008

(Condensed from Toolbox Talks)

WINTERTIME DRIVING

Fair or foul weather driving always presents hazards. But winter months curse drivers with conditions that are far different from those they face during the summer.

TIPS FOR WINTER DRIVING

1. Be able to see and be seen. Clean all the snow and ice off your windshield, other windows, outside mirrors, lights, and reflectors. Make sure your vehicle is equipped with good wiper blades, and that wiper arms are exerting enough pressure on the blades to insure a clean sweep. If moisture or ice builds up on the inside or outside of your windshield, stop and clean it off. Keep low temp cleaning fluid in your reservoir to clean your windshield when needed.
2. Tires. Tires with good deep treads are essential for good cornering and handling on slippery roads. Check the air pressure frequently to maintain the manufacturer's recommended pressure.
3. Get the feel of the road. Occasionally try your brakes or gently depress your accelerator while driving. When you have found out just how slippery the road is, adjust your speed accordingly. Rising temperatures greatly increase the slipperiness of ice and snow.
4. Stretch your "following" distance. Knowing that winter surfaces increase stopping distance three to 12 times, the smart driver increases his normal dry road following distance. Heavy trucks require a longer stopping distance on slippery roads than passenger cars. And don't tailgate.
5. Brake before curves. All vehicles are particularly sensitive to overpowering, over steering, and over braking on curves. Unseen hazards around the bend may require an evasion action, so turn your steering wheel slowly and smoothly, keep a constant speed in the turn, and pump your brakes carefully if it's necessary to slow down or stop.
6. Pump your brakes. The key to stopping under control on slippery surfaces is to avoid locking the wheels. A rapid pumping of brakes will provide short intervals of braking and rolling the wheels alternately and will enable you to maintain steering control while stopping.
7. Use proper lights. Never drive with parking lights instead of headlights in winter's early dusk and poor visibility. Parking lights can cause an oncoming driver to think you are further away than you are. Keep headlights clean; dirty ones can greatly reduce your own seeing distance at night.



MEMBERS' CORNER

SOLAR ENERGY—OFFERING NEW OPPORTUNITIES FOR ELECTRICAL CONTRACTORS

BY: DEREK COEN, ATLANTIC ELECTRIC SUPPLY—CHAIR, ALTERNATIVE ENERGY SUB-COMMITTEE

What is happening in the solar electric market?

Should I be paying closer attention?

What opportunities exist for my company that I may be missing?

While the costs of electricity have continued to increase over the years, the prices for solar electric systems have been coming down!

Government incentives have been established to encourage growth and

development in the solar electric market. The Solar American Initiative now predicts that by 2015 solar electricity will be less expensive than grid electricity in many parts of the country. Growth in the solar electric industry has recently exceeded 30% per year. This growth is expected to continue as more people realize that they can save money on a solar electric system.

The vast majority of solar electric installations are grid-tied systems. Grid-tied systems allow the owner to participate in Net-Metering, which

further reduces system costs. Electrical contractors are required to pull permits and accomplish the final hook-up of all grid-tied systems. *This requirement presents new opportunities for electrical contractors!*

To learn more about this changing industry and what the I.E.C. - Chesapeake is doing to prepare our membership, be sure to attend the member's meeting on January 28th at the Odenton facility. The I.E.C. - Alternative Energy Committee will present a 45-minute presentation: *Introduction to the Solar Market.*

THANK YOU MOBERN!



Mobern Lighting, a local manufacturer in Maryland for over 60 years has made a generous contribution to our Odenton training center. Not only are they providing a class to our apprentices on lighting manufacturing and how they are meeting the new "green" initiatives but they provided us with several fluorescent advertising lights that are presently installed in one of our training rooms. They also donated unique scented bathroom lighting fixtures making our bath-

rooms more user friendly. They are also in the process of putting together a lighting display to be installed in one of our training rooms. Thanks again Mobern for your dedication to our training program.

For information on any of the products donated please contact Rhiannon Liesch at (410) 792-4500 or email rliesch@mobern.com



MOBERN
LIGHTING COMPANY



ADVANCES IN DRUG TESTING

In the United States today, 73% of drug users are employed, 33% of employees know of the illegal sale of drugs in their workplace, and 20% of young workers admit to using marijuana on the job, according to a recent DOL report. In the same study, the National Cocaine Helpline, Summit, N.J., revealed that 75% of addicts use drugs on the job, 64% admitted that drugs adversely affected their job performance, 44% sold drugs to other employees, and 18% had stolen from co-workers to support their drug habit. Adding to the statistics from the National Cocaine Helpline, many companies have told me that cocaine positives outnumber marijuana positives 2-1. Alarming, isn't it?

According to the National Institute on Drug Abuse, drug users are:

- 3X more likely to be late to work
- 3.6 more likely to be involved in a workplace accident
- 1/3 less productive at work than non-substance abusers
- 2.5 times more likely to be absent eight or more days a year
- 3-5 times more likely to file a workers' comp claim
- Using 300% higher medical costs

"Employers who want greater control of their company and promote a safe working environment are the ones who embrace substance abuse testing," says Doug Megill, president of McLean Insurance in Potomac Falls, VA. Another reason employers should test for drugs is that many states offer discounts on workers' comp premiums if the company has a substance abuse program...in particular a random testing program.

GAO Study:

Although lab-based urine testing has been around longer and enjoys the status of being Department of Transportation (DOT) approved, there are many problems associated with lab-based urine testing. On November 1, 2007, the U.S. Government Accountability Office (GAO) published a study where undercover tests revealed significant vulnerabilities in DOT's Drug Testing Program. Given the different techniques a drug user could employ in an attempt to defeat a drug test, it is possible that people could defeat a drug test by diluting, substituting, or adulterating a urine specimen in order to obtain a passing result. As a result, the GAO was asked to perform an undercover operation to determine whether (1) urine collectors followed DOT protocols at selected collection sites and (2) commercially available products could be used to defeat drug tests.

To perform this undercover operation, GAO created two fictitious trucking companies and produced bogus driver's licenses. GAO investigators then posed as truck drivers to test 24 collection sites throughout the U.S.

GAO found that DOT's drug testing program is vulnerable to manipulation by drug users, especially given the wide availability of products designed to defeat drug tests. While all urine collection sites followed DOT protocols by asking GAO undercover investigators to provide identification, investigators successfully used bogus driver's licenses to gain access to all 24 sites—demonstrating that a drug user could send someone to take a drug test in their place using fake I.D. In addition, 22 of the 24 selected urine collection sites did not adequately follow the remaining protocols GAO tested. For example, 75% of the urine collection sites failed to restrict access to items that could be used to adulterate or dilute the specimen, meaning that running water, soap, or air freshener was available in the bathroom during the test.

Continued next page

ADVANCES IN DRUG TESTING (CONTINUED)

GAO also found that drug masking products such as adulterants, dilutants, and substitutes were widely available on the Internet. After purchasing drug masking products, **GAO investigators used adulterants** at 4 of the collection sites and **substituted synthetic urine** at another 4 sites **without being caught by site collectors** demonstrating that these products could **easily be brought into a collection site and used during a test. And, EVERY DRUG MASKING PRODUCT WENT UNDETECTED BY THE SCREENING LABS.** This is contrary to what urine testing companies tell you...that they can catch most of the masking products.

How does this happen? Companies that make drug-masking products are aware of government test standards and devise products that prevent labs from detecting them. This is because SAMHSA (Substance Abuse and Mental Health Services Administration, U.S. Department of Health and Human Services) is required to provide information to labs on how to test the validity of urine specimens,

- Although a few adulterants for saliva tests have been advertised on various Web sites, they've proven to be false.
- Detect immediate marijuana use whereas it takes 6-9 hours for marijuana to get into urine.
- Takes 3 minutes to administer resulting in MINIMAL DOWNTIME. Average cost for 100 lab-based saliva drug tests called Intercept is \$3,000, average cost for 100 instant saliva drug tests called iScreen OFD is \$1,350, average cost for 100 lab-based DOT approved urine tests is \$27,000 due to significant downtime, fringe rates of employees, lost revenues, etc.
- Perform the test anywhere, anytime, by anyone with short training. Free training via CD.
- Get results in 24-30 hours for lab-based saliva drug test Intercept.
- Preserve donor dignity as no one handles a container or urine.
- Preserve administrator dignity as no one touches the test subject's saliva.
- Use federally certified labs, MROs and chain-of-custody forms.
- Upheld in court 12 times never getting beyond the deposition stage....drug test called Intercept
- Test up to 10 people at the same time.
- Shelf life of 1.5-2 years.
- Size of a toothbrush.

publicly providing detailed information on lab testing procedures on its Web site.

Saliva Drug Testing:

Saliva-based oral drug testing has been on the market approximately 12 years. The benefits associated with saliva drug testing include the following:

In the past, testing at several federally certified, independent labs have confirmed that lab-based, FDA-cleared oral fluid tests called Intercept have shown comparable and superior ability to detect drug usage when compared to laboratory-based urine tests. Yet again, as reported on 11.4.08, a SAMHSA sponsored study of 650,000 oral fluid specimen drug test results (98% of which were the lab-based saliva drug test called Intercept) over a 5 year period showed that laboratory-based oral fluid drug testing results are comparable to urine drug testing positive rates for the same classes of drugs. These results were presented at the Annual Meeting of the Society of Forensic Toxicologists by Dr. J. Michael Walsh. A copy of the abstract can be found at the SOFT website at www.soft-tox.org.

"The results of this analysis clearly indicate that oral fluid laboratory drug testing and in particular Intercept drug test, are producing comparable outcomes to urine-based testing," said Dr. Stephen Lee, OraSure's Chief Science Officer.

Conclusion:

The recent study performed by the GAO on the vulnerabilities of lab-based urine drug testing combined with the results of a comprehensive 5-year study on 650,000 saliva drug tests paints a compelling picture for saliva drug testing.

Judy Swartley can be contacted at 610.509.0567 or jswartley@redplanettesting.com.

For the complete article please send request to cwalker@iec-chesapeake.com.

THE SILENT CRIME - IDENTITY THEFT

BY MICHAEL MCCOY

According to recent statistics from the Federal Trade Commission, **identity theft** is the fastest growing crime in America. It may even be the hardest to prosecute. Countless people have stated, "Who would want my identity?" or "If they want to be me, then let them." Frankly speaking, that's a dangerous perspective. If you believe that identity theft can only affect your finances, you're wrong. The impact of identity theft on lives of those who've had theirs stolen is devastating. Through my extensive research, I have come to the conclusion identity theft consists of three categories; **financial, medical, and character** or what some call **criminal**. According to data from the Consumer Sentinel and Identity Theft Clearing House published in February 2008, financial losses from credit cards and bank fraud amount to less than half of the reported cases, which leaves us all vulnerable to countless other schemes.

Let's begin with defining identity theft. The Federal Trade Commission (FTC) definition is: "Identity theft occurs when someone possesses or uses your name, address, Social Security number (SSN), bank or credit card account number, or other identifying information without your knowledge with the intent to commit fraud or other crimes." Now let me break this definition down to the three categories that in my opinion are at greatest risk: financial losses, medical files and procedures, and character attacks that most often take shape as criminal actions by another in our good name.

The first form of identity theft is stealing your **financial** credit. Simply put, it is the stealing of your identity for your money. Credit card fraud is the most common form at 28 percent of all cases followed by bank fraud at 18 percent. The criminal will set up accounts in your name using alternative addresses, use your existing bank account at another branch (with the drivers license they ob-

tained in your name with their picture), borrow money on your home, buy a car or furniture in another town, drain your online stockbrokerage accounts; the list is endless.

Secondly, there is **medical** identity theft. Most of us overlook this criminal aspect. This occurs in numerous ways: employees of hospitals copying your files for personal information; others using your social security number to have procedures done like surgery or even an AIDS/HIV test; or checking into the emergency room under your name so they can kindly pass on the cost directly to you. Another reason may be to obtain an elderly person's insurance, Medicare/Medicaid or prescription drug benefits. Imagine if you went to your pharmacist and they told you your prescription was already filled in a neighboring community and they could not fill it again. Take a look at the following story from an article out of Birmingham, Alabama:

"Tracy Wright literally needs a hand to help solve a case of identity theft -- an X-ray of Wright's right hand could clear his name. You see, a man with a dislocated thumb assumed Wright's identity. The imposter was treated at Riverview Regional Medical Center in Gadsden and other hospitals three years ago. One collection notice would lead Wright to more than \$10,000 in mysterious medical bills. "I received a letter from an attorney's office in Birmingham in the middle of January demanding payment for services from an anesthesia group," Wright said. Wright says the responsible party is an acquaintance who stole his expired temporary driver's license to get treatment that included drugs." reported by NBC Channel 13, Birmingham, Alabama.

Finally there is **character** identity theft where employment fraud tops the FTC list at 13 percent of total cases followed closely by criminal acts being committed in your name. One day you may wake up to a knock on your door by the sheriff's department arresting you for an outstanding warrant in your name for crimes committed in another state. The

following story could happen to any of us:

KISSIMMEE, FL -- After nearly eight weeks in jail, Hector Omy Collazo pleaded with deputies one last time: Let me go. You have the wrong man. A criminal stole my identity. The Kissimmee man had made the demand dozens of times since Dec. 4, when police arrested Collazo outside his grandmother's house on a Texas warrant for felony forgery. He has never been to Texas, he insisted. Collazo has proof he was in Orlando on the date of the crime.

No one checked out his story until Thursday at Orlando International Airport, just as a Harris County, Texas, sheriff's official was about to escort him onto a flight to Houston. Collazo said that didn't happen until the Orlando Sentinel began making inquiries. After faxing Collazo's photograph to Harris County authorities, the cop handed over \$45 for cab fare and told him he was free to go. "Stolen-ID Nightmare finally ends", by Wiloughby Mariano Orlando Sentinel

There are many stories more frightening than the ones above. The point is, there are many forms of identity theft and many more to arise from this multibillion dollar criminal industry. If you have never experienced the long-term consequences of being a victim, then you may not realize the need for proper insurance or protection.

Michael McCoy is the Co-Author of "The Silent Crime: What You Need To Know About Identity Theft". He is a licensed insurance agent and a national Continuing Education instructor and speaker on the subject of identity theft. www.stolendata.blogspot.com

For more information on identity theft or ways to protect yourself contact:

Michael McCoy at (515)707-3869 or email – insurancenow@hotmail.com

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Submitted by: Tyree Thomas of Pre-Paid Legal Services, Inc.



Welcome to Staples Business Advantage!

Staples Business Advantage is the Contract Division of Staples, Inc. that customizes procurement programs and is specifically designed to meet our customers' needs. Staples Business Advantage is excited and proud to be servicing IEC Chesapeake, Inc. and is committed to doing everything we can to make your experience with us positive and EASY!

To get started on this program please log onto your IEC Chesapeake member page and access the Staples Business Advantage registration form.

The Staples Business Advantage program features the following:



- **StaplesLink.com** - our award winning website
- Professional and accessible **Account Management** team
- Detailed **Account Reviews** to work with your initiatives
- The only **JD Power Certified** office supplier recognized 5 years in a row (2004-2008)
- Free **Technical Support** available for Stapleslink (8am-8pm EST)
- Online **shopping lists** to help you identify our best value items
- Exceptional value with **Staples Branded Products**
- The industry's most comprehensive product selection
- Live inventory and pricing on StaplesLink.com
- **Unbelievable Catalog** (top 4,000 office supplies 68% average discount off list price)
- Simple **online returns**
- **Easy Invoicing** with cost center options
- **Online reporting** for administrators
- Online **package tracking**
- Ability to receive the corporate program pricing at any Staples retail location by obtaining a **Convenience Card**. (Can also accommodate P-Cards)
- **Customer Appreciation weeks**: Approximately four times a year, when all Easter Seals employees are eligible to receive a 10% discount on personal purchases in our retail stores.

Additional Value Added Programs:

In addition to standard office supplies Staples has value added services in the following areas:

- **Furniture** (including free space planning services)
- **Technology** (we partner with the top name vendors to develop a program for you)
- **Copy Services** (quotes and jobs can be submitted and delivered from our professional closed door Copy facility)
- **Printing Services** (we can establish an online shopping list including business cards, letterhead, envelopes and other printed materials)
- **Custom Stamps** (custom stamps can be created online and delivered right to you)
- **Promotional Products** (we can provide printed products on almost anything)
- **Coffee Services** (K-Cup Machines and Green Mountain Coffee Available)

Thank you for choosing Staples Business Advantage. We are looking forward to serving you.

Dan O'Leary
District Sales Manager
800-263-6510 x223
dan.o'leary@staples.com

Jennifer Summers
Business Development
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StaplesLink EC Helpdesk at 800-633-6080/Staples Customer Service at 877-826-7755

THE LIMITS OF A MECHANIC'S LIEN IN MARYLAND

Maryland's mechanic's lien law primarily refers to "buildings" as the objects of liens for work done to improve real property. In addition to buildings, a mechanic's lien will "extend to the land covered by the building and to as much other land, immediately adjacent and belonging in like manner to the owner of the building, as may be necessary for the ordinary and useful purposes of the building." When a contractor seeks to encumber with a lien a small building on a large lot, determining the boundaries of the land "necessary for the ordinary and useful purposes of the building" presents a challenge. In *Arfaa v. Martino*, 404 Md. 364 (2008), however, the Maryland Court of Appeals held that a contractor's failure to describe the precise boundaries of the land encumbered by a lien will not destroy the contractor's lien rights. Moreover, the court noted that those erecting new buildings have the first opportunity to designate which land is necessary for the building's purposes.

In *Arfaa*, a subcontractor ("subcontractor") filed for a mechanic's lien after performing repair and renovation work on one of three buildings situated on a seventy-three acre property. In filing for the lien, the subcontractor did not make any specific claims about the amount of land necessary for the purposes of the building,

but merely described the boundaries as including all seventy-three acres, thus implicitly seeking a lien on the entire property. In addition to making standard challenges to the sufficiency of the petition, the owner argued that the subcontractor's failure to designate the boundaries of the land necessary for use of the building rendered the mechanic's lien petition invalid.

The court disagreed, holding that proving the boundaries of the land necessary for the use of a building is not a necessary element of a mechanic's lien claim. The court stated that the mechanic's lien law "does not evidence any legislative intent to place on subcontractor an additional burden, to obtain, under some circumstances, a designation of the adjacent land that is appurtenant to the building on which the subcontractor worked. It certainly does not include an application for designation of boundaries as one of the items required to be set forth" when beginning mechanic's lien proceedings. Because the Maryland legislature did not explicitly require that the lien claimant describe "the boundaries of the land appurtenant to the subject building," the court declared that it would not read that requirement into the law.

The court's ruling that the lien claimant need not describe the boundaries of the land necessary for the use of the

building does not mean that successful lien claimants will automatically receive a lien on all the land upon which the building is situated. Rather, after hearing evidence, the trial court will determine the extent to which a lien on a building applies to surrounding land. In fact, the court noted that if a land owner is proactive, it can "define, in writing, the boundaries of the land appurtenant to the building before the commencement of construction, and then file the boundaries for record with the clerk of the circuit court for the county." After making this designation, it is binding on all future lien claimants, whether by mortgage, judgment, or otherwise. A land owner, therefore, may wish to designate the boundaries of the land appurtenant to the building and to record these boundaries with the clerk of the appropriate circuit court before commencing construction of a building. In doing so, the owner can restrict the land against which all future mechanic's liens against the building will apply.

Source:

Katz & Stone, L.L.P., a law firm which specializes in representing contractors.

Construction Newsletter—September/October 2008

**JANUARY 2009 SESSION FOR FIRST YEAR APPRENTICESHIP
TUITION IS ONLY \$1,000.00!**

**CONTACT THE OFFICE FOR FURTHER DETAILS
(800) 470-3013**



PRESENTATION ON HOW ALTERNATIVE ENERGY WILL BENEFIT THE ELECTRICAL TRADE

Don't miss this major opportunity to increase your workload. We have all heard the terms Green initiative, Solar and Wind Power over the past year. Understand how this technology will generate work for you. IEC and the



Alternative Energy Committee under the direction of Derek Coen from Atlantic Electrical Supply has developed a Power Point presentation that will explain where we are in the United States with this new technology and what we can expect in the future.

When: January 28, 2009

Where: Odenton, MD

Time: 12 Noon



VIRGINIA NEWS

RECAP OF EMPLOYEE FREE CHOICE ACT (EFCA) SEMINARS FOR OWNERS & SUPERVISORS

IECC hosted the Employee Free Choice Act seminars for both owners and supervisors in Chantilly on Wednesday, November 19th. Marshall Coleman, President of M.J. Coleman & Associates Labor Relations, facilitated the presentation to around 50 people between the morning and afternoon sessions, sparking much interaction and dialogue about

the pending legislation in VA and its subsequent effect on all merit shop contractors. The two-part seminar focused on 1) the owners' "need-to-knows" about EFCA and how to best prepare themselves if this legislation is passed in VA, and 2) the supervisor's crucial role in the field to maintain its company's merit-shop identity. It is highly encouraged that

merit shop contractors learn more about this pending legislation in VA, and at the same time, begin educating their workforce regarding best practices to counter this specific unionization effort. If you would like to speak with Mr. Coleman in greater detail about EFCA, he can be reached at MJColeman007@aol.com or at (864) 241-0299.

INSTRUCTOR SEARCH

IEC Chesapeake is always in search of potential instructors to teach future apprenticeship and continuing educa-

tion courses. If you are interested in teaching or know of someone that would be, please forward them to

the main office to learn more about existing and future opportunities.



CONTINUING EDUCATION

Top 10 Things Electrical Contractors Need to Know about Law **January 20, 2009** **Chantilly, VA**

“Understand Tough Contract Clauses & How to get your Money”

IEC Chesapeake will present a unique 2-Hour Lunch and Learn class that will focus on your Payment rights on public and private jobs, getting paid and the highest risk contract clauses. This class will be held on January 9, 2008 at our Chantilly, VA Training Center. Mr. Andy Vance will present this class designed to help today’s Electrical Contractor understand complicated clauses when bidding jobs. He has an extensive background in the courts and is a member of the Maryland, Federal, and Armed Services Board of Contract Appeals. He has tried cases in courts (both State and Federal). Register online at www.iec-chesapeake.com.

NICET Level II Fire Alarm & Test Preparation Training **February 6 & 7, 2009** **Odenton, MD**

Zenith Design Group

NICET Fire Alarm Certification is being required in the Fire Alarm Industry more and more. **Montgomery County, Maryland is presently implementing field installers of Fire Alarm Systems have documented training in Fire Alarm systems with NICET requirements around the corner.** In order to prepare you to take this test and to better understand the NICET testing process, IEC Chesapeake will be presenting this 16-hour Test Preparation Course. Designed specifically to assist you in taking the Level II test, it will also provide you technical knowledge concerning Fire Alarm Systems Operation along with Level I Requirements. The course will include a sample test and all students will receive a copy of the NFPA 72. Should you have any questions concerning this or other classes that IEC Chesapeake presents you can contact us at (800) 470-3013.

Common Electrical Code Violations **February 19, 2009**

Frederick, MD

Are National Electric Code violations costing you time and money? Learn from an expert on how to make that installation right the first time. Marty Schumacher who has 17 years as an Electrical inspector from and is presently a plans examiner in Howard County will present this informative 5-Hour class that will focus on the top 10 violations he sees during the inspection process. We recommend you send anyone who is responsible for getting that permit approved and avoiding delays and re-inspections. Class will be based on the 2008 NEC and held on Thursday, February 19, 2009 between 3 – 8 pm at the Frederick Community College. Register on line by going to the IEC Chesapeake web site www.iec-chesapeake.com

IEC CHESAPEAKE

2008/2009 CONTINUING EDUCATION SCHEDULE

Phone: (800) 470 3013

WWW.IEC-CHESAPEAKE.COM

Fax: (301) 912 1665

<p>#*+ 2008 NEC – Analysis of Changes IEC – Odenton Training Center Instructor: Wayne Robinson</p> <p>January 10 & 17, 2009 Saturdays 9 – 2:30 pm</p> <p>10 – Hour Seminar Limit: 25</p>	<p>Top 10 Things Subs Need to Know about Law IEC – Chantilly, Virginia Instructor: Andy Vance</p> <p>January 20, 2009 Tuesday 12 Noon – 2 pm</p> <p>2-Hour Lunch & Learn Limit: 25</p>	<p>Basic Data Com/Video Tool Hagerstown C. C. Valley Mall Instructor: Ron Greenfield</p> <p>January 21, 2009 Saturday 8 – 12 Noon</p> <p>4 – Hour Seminar Limit: 15</p>
<p>*NICET Level II Test Preparation Course IEC – Odenton Training Center Instructor: Greg Kessinger Zenith Design Group</p> <p>February 6 & 7, 2009 Fri./Sat. 8 – 4:30 pm</p> <p>16-Hour Seminar Limit: 25</p>	<p>ARC Flash/Safety Guideline Overview IEC-Chantilly, Virginia Instructor: R. Greenfield/Cooper Bussman</p> <p>February 11, 2009 Wednesday 1-3 pm</p> <p>2 – Hour Overview Limit: 35</p>	<p>*Electrical Grounding & Bonding – 2008 NEC Frederick Community College Instructor: Bob Runyon</p> <p>February 14 & 21, 2009 Saturdays – 9 – 2:30</p> <p>10 – Hour Seminar Limit: 20</p>
<p>Top 10 Electrical Construction Site Code Violations Frederick Community College Instructor: Marty Schumacher</p> <p>February 19, 2009 Thursday - 3 – 8 pm</p> <p>5 – Hour Seminar Limit: 60</p>	<p>Ind/Commercial Electrical Basic Estimating IEC – Odenton Training Center Instructor: Ray Sofield</p> <p>February 21 & 28, 2009 Saturdays 7:30 – 12 Noon</p> <p>9 – Hour Seminar Limit: 12</p>	<p>Basic Electricity for the Non-Electrician IEC – Odenton Training Center Instructors: Rob Palmer & Ron Greenfield</p> <p>February 21, 2009 Saturday 8 – 2:30 pm</p> <p>6-Hour Seminar Limit:25</p>
<p>Catastrophic Protect. Sys. (CaPS) IEC – Odenton Training Center Instructor: Chris Martin</p> <p>February 25, 2009 Wednesday 12 – 2 pm</p> <p>2 – Hour Seminar Limit: 30</p>	<p>#*+ 2008 NEC – Analysis of Change Essex Community College Instructor: Wayne Robinson</p> <p>Feb. 28 & March 7, 2009 Saturdays 9 – 2:30 pm</p> <p>10 – Hour Seminar Limit: 25</p>	<p>*2008 - Changes to the NEC Mike Holt Curriculum Frederick Community College Instructor: Bob Runyon</p> <p>March 7 & 14, 2009 Saturdays – 9 – 2:30 pm</p> <p>10 – Hour Seminar Limit: 20</p>

*Courses available to meet Prince George & Harford County Master Electrician Training Requirements

+ Courses available to meet Delaware and North Carolina Master Electrician Training Requirements

#Courses available to meet Virginia licensing renewal requirements effective 2008

Registration "On Line" at the IEC Website www.iec-chesapeake.com or by calling the

IEC Odenton Training Center at: (800) 470 3013

IEC-CHESAPEAKE OFFICERS

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