



CONSTRUCTION NEWS YOU CAN USE

Volume II - July 2014

UPCOMING EVENTS

July 26th & 27th - Cam Tech's final Continuing Education session of 2014. Call and reserve your seat today!

August 16th - One Day TECHNICAL Special Review for: General, Builder, Residential, Mechanical, Air Conditioning A&B, Sheet Metal, and Plumbing. You **MUST** be pre-registered to attend. Call and reserve your seat today!

August 19th - Trade Knowledge Exam Day for the following license categories: Air Conditioning B, Roofing, and Underground Utilities.

August 20th - Trade Knowledge Exam Day for the following license categories: General, Building, Residential, Air Conditioning A, Mechanical, and Plumbing.

September 25th - Cam Tech's Session III 2014 starts. Classes held in Tampa, Orlando, and Ft. Myers.

News
from ...

Florida Department of
Business &
Professional
Regulation

REMINDER—CILB LICENSES ARE UP FOR RENEWAL IN 2014!

In order for you to renew your license, you must complete all applicable continuing education requirements, and payment of the renewal fees.

Florida law requires the Department of Business and Professional Regulation to monitor licensee compliance with continuing education requirements (Section 455.2177, Florida Statutes). The [Bureau of Education and Testing](#) is responsible for the management of continuing education providers and courses.

Fourteen (14) hours of **board-approved** continuing education is required prior to the renewal period for both certified and registered contractors. At least 1 hour must deal with workplace safety, 1 hour on the subject of worker's compensation, 1 hour on the subject of business practices, 1 hour on the subject of laws and rules, and 1 hour on Florida Building Code advanced modules. A person who holds more than one certificate or registration issued by the board is required to complete the continuing education requirements only once during each biennial certification renewal period and only once during each biennial registration period.

Any course approved for the education requirements for persons certified under Chapter 468, Part XII, Florida Statutes, shall be accepted for continuing education for renewal for persons who are certified under Part XII and who are certified or registered contractors under Chapter 489, Part I, Florida Statutes.

If you attempt to renew your license on-line and the department records reflect you have not fulfilled all the required hours/credits for the most recent renewal period, you will receive a letter in lieu of License. If you have completed all of your required hours and the department's system does not reflect this, then please remember that the Provider has 30 days to submit the course or courses that were completed. During the last month of renewal cycle, this period is shortened to 10 business days.

To view a detailed list of your continuing education requirements and courses completed go to www.MyFloridaLicense.com and select My Continuing Education.

CLICK THIS BUTTON OR VISIT [FACEBOOK.COM/
CAMTECHSCHOOLOFCONSTRUCTION](http://FACEBOOK.COM/CAMTECHSCHOOLOFCONSTRUCTION)



If you are looking for Florida Contractors Exam Reference books, estimating books, or hard-to-find construction books, Cam Tech has got you covered.

With a full construction bookstore and a complete online catalog, you will be sure to find what you need.

Stop by our bookstore anytime,
Monday - Friday from 8:00 am to 5:00 pm
or visit our online bookstore at
www.camtechschool.com/bookstore.php.

SUMMER ENERGY SAVING TIPS: HOW TO READ RESIDENTIAL ELECTRIC AND NATURAL GAS METERS



During the heating season, your energy use should be compared to the number of heating degree days for the same time period; during the cooling season, compare your energy use to the number of cooling degree days. Heating and cooling degree days are a simple measure of the effect of weather on your energy needs: using the average temperature for each day, each degree Fahrenheit below 65°F is counted as one heating degree day, and each degree Fahrenheit above 65°F is counted as one cooling degree day. Your heating and cooling use should be proportional to the number of heating and cooling degree days for the time period in question.

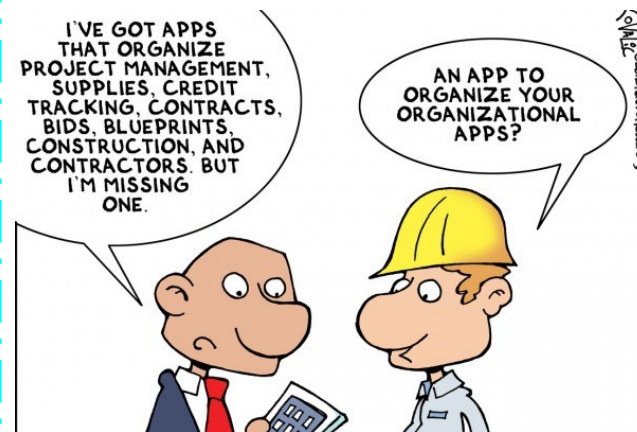
ELECTRIC METERS – The basic unit of measure of electric power is the watt. One thousand watts are called a kilowatt. If you use one thousand watts of power in one hour you have used a kilowatt-hour (kWh). Your electric utility bills you by the kWh. The standard electric power meter is a clock-like device driven by the electricity moving through it. As the home draws current from the power lines, a set of small gears inside the meter move. The number of revolutions is recorded by the dials that you can see on the face of the meter. The speed of the revolutions depends on the amount of current drawn -- the more power consumed at any one instant, the faster the gears will rotate. When reading an electric meter, read and write down the numbers as shown on the dials from right to left. When the pointer is directly on a number, look at the dial to the right. If it has passed zero, use the next higher number. If it has not passed zero, use the lower number. Record the numbers shown by writing down the value of the dial to your extreme right first and the rest as you come to them. Should the hand of a dial fall between two numbers, use the smaller of the two numbers.

NATURAL GAS METERS – Natural gas is commonly measured by the cubic foot, and you are billed by the thousands of cubic feet (MCF) or hundreds of cubic feet (CCF). You may also be billed by the therm, which is about the same as a CCF or 100 cubic feet. To measure the amount of electricity or gas that you use, the utility installs a meter between the incoming electric power or gas lines and the point of distribution at the house. A gas meter is driven by the force of the moving gas in the pipe, and also turns faster as the flow increases. Each time the dial with the lower value makes one complete revolution, the pointer on the next higher value dial moves ahead one digit. When reading a gas meter, read and write down the numbers as shown on the dials from left to right (opposite of an electric meter). It is important to note that on both types of meters, the hands of adjacent dials turn in opposite directions to each other.

DIGITAL METERS – Note that some newer electric and gas meters use digital displays instead of dials. The difference between one month's reading and the next is the amount of energy units that have been used for that billing period.

THE TECHNOLOGY OF THE CONSTRUCTION INDUSTRY ... YEP, THERE'S AN APP FOR THAT!!!

As technology continues to creep into construction's everyday work, whether in the field or behind a desk, mobile and tablet app makers are keeping up. The latest construction apps — there are nearly 13,000 of them now — take projects from planning phase to completion.



PlanGrid – One of the best iPhone and iPad apps for the construction industry, it lets contractors and architects collaborate with all their project plans, specs and photos. You can upload PDF drawings to plangrid.com and they will automatically sync to all your teams in real time. Appleton-based The Boldt Co. thought so much of the app, it worked with PlanGrid recently on many aspects of the \$750 million Sutter Medical Center project in California.

ConstructionHelper – Available on Google Play, the app allows easy calculations for areas, total surface and price of surfaces groups, rectangular prism volumes, volume cost and weight, and total cost and weight of volumes groups.

Construction Master Pro – The app offers a range of calculators for Android smartphones and iPads, including feet-inch-fraction math calculators, and a version that can be used to estimate materials needed for stair railing and fence projects.

iBlueprint – iBlueprint for Apple devices has a new user interface that lets users create and export custom floor plans and lets contractors access blueprints on jobsites.

BuildCalc – Voted one of the best construction calculators for iPhone and Android, BuildCalc allows for complete layout of railing and staircase balusters with less guesswork and easily adjusts to the flexibility you need for a custom job.

Architect's Formulator – The Apple app features more than 400 formulas for electrical, carpentry, and plumbing calculations. It also includes concrete and excavation formulas for estimating the concrete and bricks required for a job.

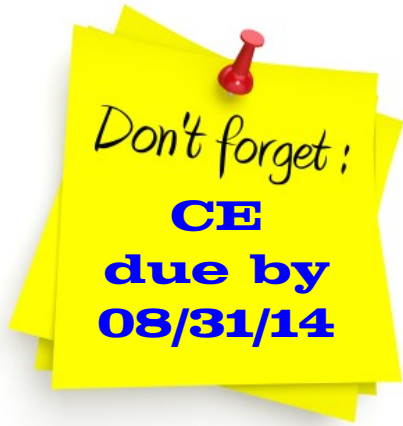
BIMx – BIMx won the Mobile Product of the Year in 2012 at the Construction Computing Awards. It's still useful as a free, interactive 3-D communication and presentation tool for architectural designs. It's available on both Google Play and Apple devices.

iQuick Contract Maker – The customizable app for Apple devices lets users create a legal contract and send by email to customers right on the spot.

Aconex Mobile – This app for Apple and Android products makes the "best of" list again this year. It enables contractors to access and capture important project information on-site. Contractors can share videos, images, and project documents; send marked up documents to other project team members; and store records for offline access.

SmartBidNet – The app works with SmartBidNet's bid management software and helps users keep track of vendors and subcontractors. It includes both financial data on each bid, as well as measurement and statistical information for the projects attached.

Construction Simulator 2014 – Here's one for the little and big kids. The app for both Android and Apple allows you to turn your smart device into a virtual construction site. You can take over the control of 14 construction machines in high-quality 3D graphics. More than 300 tasks yield more than 20 hours of fun.



Your state certified contractor's license expires *August 31, 2014* and you **WILL need to meet the DBPR's Continuing Education requirements before renewal!**

With Cam Tech (DBPR CE Provider #0000970) you can take the complete 14-hour course and fulfill the DBPR's license renewal requirement all at once, or you can register for one of the 7-hour courses and get only the hours you need.

Our final CE Course of 2014 will be offered on:

***Saturday, July 26th
and/or
Sunday, July 27th, 2014***

\$275 – COMPLETE COURSE (14 hours) Saturday AND Sunday

\$175 – MANDATORY SUBJECTS COURSE (7 hours) Saturday only

\$175 – GENERAL SUBJECTS COURSE (7 hours) Sunday only

Continuing Education courses will be held at the Hilton Tampa Airport Westshore located at 2225 N. Lois Avenue. All courses are from 8:00 a.m. to 4:00 p.m. and include a HOT buffet lunch each day.

Register online, over the phone, by mail, or stop by our office.
Click [here](#) or visit our website for more details.

**“An investment in knowledge pays the best interest.”
Benjamin Franklin**

Need assistance with your Florida Contractor's License Application?

CONTRACTORS
REPORTING SERVICES
—SERVICING THE BUILDING TRADES—

800-487-2084
activatemylicense.com

FINANCIAL RESPONSIBILITY AND STABILITY REQUIREMENTS FOR CONTRACTOR APPLICANTS

Florida Law requires all construction contractor applicants to establish that they are both financially responsible and financially stable prior to issuance of their licenses.

Does your submitted credit report show a credit score of 660 or higher? If you have applied for your Florida State Contractor's License and you do not have a minimum credit score of 660, you will be required to secure a Financial Stability Bond.

Without proof of completion of an approved 14-hour financial responsibility course, you will need to secure a bond in the amount of:

- \$20,000 for Division I applicants
- \$10,000 for Division II applicants

But, if you want to cut that bond in half, you can take Cam Tech's 14-hour Financial Responsibility & Stability Course.

With proof of completion of our approved financial responsibility course, you can reduce your bond amount to:

- \$10,000 for Division I applicants
- \$5,000 for Division II applicants

Cam Tech is offering our online "Financial Responsibility & Stability for the Contractor" course for just \$149.

In taking this course, you will gain useful information for today's contractor in today's economy. Don't just get your 14 hours; walk away equipped with the knowledge you need to become a responsible, successful business owner and even gain useful knowledge about personal finances.

Sign up and take our online 14-hour Financial Responsibility & Stability Course at your convenience. Our course is approved by the DBPR (Course #0609924) and covers all required categories. Upon completion, a Certificate of Completion will be issued to be included in your application package.

Call our office or register online today:
www.camtechschool.com/registration.php

Do You Need Your Contractor's License?

Or are you interested in upgrading or getting an additional license?

**LET CAM TECH
SHOW YOU HOW!**

**CLASSES BEGIN
SEPTEMBER 25TH**

To register or for more information, visit our website, www.camtechschool.com, or call us at 800-875-PASS (7277).



CE SPEAKER SPOTLIGHT

Carl York, Construction Pros Insurance

A North Central Pennsylvania country boy, Carl York leapt from life on the farm to the larger stage of traveling the world when he joined the US Navy at age 19. Serving 15 years between active duty and the reserves, Carl is a deployed Gulf War Veteran, served in theatre for Operation: Restore Hope in Africa, and multiple deployments at locations worldwide, Carl eventually settled in Tampa to continue his career as a civil engineering contractor at MacDill Air Force Base from 1999 to 2011. Taking on a new professional challenge while working as a Department of Defense contractor, Carl traveled throughout the United States providing safety compliance, training, internal operational and process auditing, gap analysis, and program development for contractor personnel.

Always taking opportunities to improve and increase his professional development, Carl is a Certified Occupational Safety Specialist, University of South Florida OSHA Outreach Trainer for Construction and General Industry, a State of Florida licensed Property and Casualty Insurance Agent, Director of Risk Management, Instructor for the Tampa Safety Council, an NCCER certified instructor for the National American Builders and Contractors Association, and a program developer for numerous organizations in Florida.

Carl is a pretty awesome guy. He brings a lot to the table, personally and professionally — as his life experiences are many and meaningful. Over the course of his career, he has become accustomed to being considered 'part of the solution' for many organizations that are looking to expand and compete. A constant improver, Carl certainly brings his communication skills, professional insights, experience and US Navy Seabee "Can Do" attitude to every project of which he is a part.

A few of his key approaches to being a good safety professional are:

*"I don't know all of the answers...but I know where to find them."
"There is little value to guessing; and when we are talking about decisions that affect people's very lives — guessing has no place in the conversation."
"It is more important, when developing a safety culture in the workplace, to get it right rather than simply being right."*

For all your insurance, bond and workers compensation needs, Construction Pros is here to help.

For more information on the Financial Stability Bond contact Ed Collins directly at 813-495-3115 or by email, ed@constructionprosins.com.

