



April, 2018

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2018 JATC GRADUATION

The 2018 JATC Graduation will be held on Friday, May 18, 2018 at the Monterey Tides Hotel. We are pleased that Todd Stafford, Executive Director of the Electrical Training Alliance will be joining us as our keynote speaker.

We will be honoring our graduates that have completed their five year apprenticeship program with 8,000 hours of on the job training and 5 years of classroom work and would love to have you celebrate their accomplishments.

Please contact Stacy at the JATC Office if you are interested in attending!



NECA CONVENTION **Why You Should Attend** **NECA 2018**

The NECA Convention is the place to:

- Meet & network with your peers
- Discover thousands of product & service solutions
- Explore and prepare for new markets
- Grow your company's business and boost productivity
- Save time and money on the job and get more work!

What will you find at the NECA Show?

- See why we're the #1 Electrical Construction Trade Show
- The best industry resources for executive management, project managers, purchasing agents
- Best practices and compliance information
- Thousands of new products, service solutions and live demos on the show floor
- Take home extensive industry knowledge that you can implement in your daily business

TO BENEFIT ... PARTICIPATE!



NECA MANUAL OF LABOR UNITS

NECA has released a new online course free to NECA Members, the [Introduction to the Manual of Labor Units](#) and is a must for all new users of the Manual.

Designed to coincide with the updates made in the 2017-2018 edition of the [NECA Manual of Labor Units](#), this course details the components and proper applications when estimating electrical construction projects. [Register here!](#)



10 LIFE LESSONS LEARNED FROM BASEBALL

Baseball Season Opens! What is there to be learned from America's game?

[13](#)

Not everyone considers sports to be a worthwhile investment of one's time. While I recognize that sports – and baseball in

particular – aren't for everyone, I've listed here what I think are 10 important life skills that I learned while playing baseball.

1. Working as a team – While this may be the most obvious, it's also one of the most important lessons I've learned from baseball. The quicker you can mesh the strengths of others with yours, the better the overall end product will be. Working as a team is reflected in relationships, marriages, sports, and particularly in business and life after sports. Leveraging individual strengths into a cohesive group where everyone works together toward accomplishing the same goal is much more beneficial and rewarding than having a group of individually minded players.

2. Strong work ethic- Work ethic is the foundation for anything in life. You will find yourself in rewarding situations more often if you work hard and apply yourself regardless of outcome. A strong work ethic comes from a deep down desire and drive within yourself to improve. This type of mindset is contagious and is very much recognized and appreciated by teammates and coaches.

3. Dealing with pressure- Often it's the decisions we make under pressure that define who we are professionally and sometimes personally. The pressure we place on ourselves to perform during a baseball game is not all that different than the stresses

and pressure we may face every day in the real world. (I am not trying to compare a 0-21 slump to how you are going to make enough money to pay the rent). But I do believe the lessons we learn from the pressures we deal with in baseball helps us to learn how to manage our emotions and improve our focus on whatever the immediate task at hand might be.

For example, when you are at the plate, you have to keep your mind on your hitting approach, and not be distracted by thoughts of what will happen if you don't get a hit right then. Or if your mind wanders after hours of playing in the field without any action, inevitably it will be that moment that a laser line drive comes your way. In life, losing your focus or buckling under pressure creates different problems.

Pressure at work can affect your performance at work or at home, or a distracted moment at the wheel can lead to tragic consequences. This is why learning to deal with pressure in ways not controlled by your emotions or feelings is a valuable life skill.

4. Working with new and sometimes unfamiliar people- You will quickly learn how to deal with and talk to people you have never met before. In this game you are constantly meeting new people and playing on new

teams. Being comfortable in situations where you may know nobody is a positive skill.

5. Dealing with failure- Baseball is a game of failure and learning how to take the positives out of our shortcomings is very important. There are many times in life where we come up a little short and being able to positively deal with the situation and learn from our past will help us in the future.

6. Dealing with success- It is important to strive for success and to be the best you can be. It is equally important to be gracious in our victories. Rubbing success in the faces of others does little for team chemistry and is not easily forgotten when you are on the short end of success.

7. Learning how to keep your cool when fans are yelling at you intentionally trying to get under your skin- This is another example of handling pressure. Learning to block out and manage your emotions when fans are yelling and sometimes being harsh is an important skill for helping you focus on the task at hand. Letting outside influences that you don't control affect your performance will distract you from your goal. Learning to rise above and still be able to perform in crunch time situations is an important skill I've learned through baseball.

8. Not making emotional decisions- Emotions can make you do things you normally wouldn't do because of fear. Being able to cut through the emotion can be extremely difficult, but if you can keep the emotions from influencing your decisions you will find this skill to be very beneficial in the long run. Baseball lessons teach us to play the game with heart, but not let emotions take over and control your game.

9. Learning how to separate baseball life from personal life- It is very difficult to leave the baseball player at the field and not take a bad day home with you after a game. When you mix your professional life and your personal life without setting boundaries between them it can cause an imbalance between the two. My passion for baseball is an asset that has helped me be successful, but it can also cause me to be unsettled and emotional when it's not going well. Without proper boundaries between my professional and personal life, I couldn't be the father and husband that my family deserves. Mixing the two can definitely lead to strained relationships on both sides.

10. Learn to push even when you are tired and don't have much in the tank- How many times do you see people give up or not give all they have because they are tired and let their body convince their mind that they have nothing left to contribute for that day. Pushing

through and giving all you have on a day when you are tired says a lot about your character. The easy thing to do is "give up" but baseball makes you push even when you are feeling tired. This skill will definitely make you proud of yourself.

BY DOUG BERNIER



UPCOMING CLASSES OFFERED THROUGH THE JATC

FIRST AID/CPR

Since First Aid/CPR language has been added to the Inside Agreement and will now be a requirement, the JATC continues to offer it more regularly. Blood borne pathogens will also be covered. The next class is scheduled for **Saturday, March 24th from 8 am to 1 pm. PLEASE NOTE...THIS CLASS IS FULL!!** Call Stacy at the JATC office at (831) 633-3063 to reserve your place for future classes as class size is always limited.

OSHA 30

An OSHA 30 Class will be held on instructor Stephen Slovacek is scheduled for **March 17th,**

March 31st, April 7th and April 28th, 2018 from 7 am to 3:30 pm. Sign ups are being taken!

SIGNIFICANT CHANGES TO THE CODE

A Significant Changes to the Code series, with instructor David Martinez is scheduled for **April 17, 2018 from 5:30 pm to 8:30 pm** and will be held the third Tuesday of the month. Drop on in! You are welcome to attend one class or as many as you like in this series. This is a (3) hour class.

CONFINED SPACE AWARENESS

The next Confined Space Awareness class has been scheduled for **April 14th from 8 am to 4:30 pm.** Sign up today!



SCISSOR/BOOM LIFT TRAINING

A Scissor and Boom Lift class has been scheduled for **April 21st from 8 am to noon.**

FORKLIFT/GRAD ALL TRAINING

The next Forklift/Grad All Training course has been scheduled for **May 12, 2018 from 8 am to noon.**

CALCTP-AT

The JATC is also taking sign-ups for the California Advanced Lighting Controls Training Program-Acceptance Testing (CALCTP-AT) with Instructor Stephen Slovacek. This class is a total of 24 hours. The class schedule will be attendance. The prerequisite for this class is completion of the 50-hour CALCTP. An application form must be completed prior to starting class. To register for this class there is a \$225 application/record maintenance fee. Go online to goo.gl/qkW7Al to complete an application and pay the application/record maintenance fee. There is a \$125 stipend available upon successful completion provided by the Monterey Bay LMCC.



APPRENTICE OF THE MONTH

We would like to congratulate apprentice **Will Clough** for being selected the Apprentice of the Month for April 2018! Milwaukee Tools has provided a reserved parking place (see above) for Will for the month and will also be presenting him with Milwaukee back pack. The JATC selects one apprentice in the program based on attitude, performance and participation in the classroom and on the job. **Congratulations Will!**



EVITP - CONDENSED

EVITP 3.0 Class Electric Vehicle Infrastructure Training Program (EVITP) 3.0 with Instructor Stephen Slovacek. This class is a condensed version of the 35-hour course. It is a prerequisite for EVITP that you are a California Certified General Electrician. As a bonus, there is a \$125 stipend available upon successful completion provided by the Monterey Bay LMCC. Call Stacy for more information.



Philadelphia Firsts

As the birthplace of America, Philadelphia can lay claim to many "firsts." You can get to know these Philadelphia Firsts when you take The Constitutional Walking Tour. Whether this is your first visit to Philadelphia or your 101st visit, there are so many things to discover in Philadelphia. Did you know that Philadelphia had all of these firsts?

First "Planned City" in North America

- Founded in 1682 by William Penn, Philadelphia was designed using a grid outlining wide streets and five public squares.

First Public Library - The Library Company of Philadelphia was founded by Benjamin Franklin in 1731.

First Volunteer Fire Department - The Union Fire Company was founded in Philadelphia by Benjamin Franklin in 1736.

First Hospital in America - The Pennsylvania Hospital, founded by Benjamin Franklin and Thomas Bond, opened its doors in 1751.

First Discovery that Lightning was Electricity - In 1752, with his famous kite and key experiment, Benjamin Franklin discovered that lightning is really a stream of electrified air. Although Franklin attained many firsts with his discoveries, Franklin did not invent electricity, but Franklin did invent a rod to tame it. Plus, Franklin's experiment helped him to develop many of the terms that we still use today when we talk about electricity.

- **First University in America** - The University of Pennsylvania ("Penn"), as it is known today, became America's first university in 1765 with the founding of the nation's first medical school which augmented its college. Penn traces its roots to a Charity School founded by Benjamin Franklin in 1740.
- **First Student Newspaper** - On June 11, 1777, The William Penn Charter School's Student Gazette became the first English-language student newspaper.
- **First July 4th Celebration** - In 1777, ships lined the Delaware River discharging 13 cannon shots to honor the 13 states.
- **First American Flag** - The first American flag was sewn in Philadelphia in 1777 by Betsy Ross.
- **First Multi-year Capital of the United States** - After New York had a one year stint as the nation's capital, Philadelphia served as the first multi-year capital from 1790 to 1800 before the capital moved to Washington, D.C. in 1800.
- **First Multi-term White House** - President George Washington (1790 to 1797) and President John Adams (1797 to 1800) lived at 526-530 High Street (now Market Street).
- **First Stock Exchange in the United States** - The Philadelphia Stock Exchange was officially organized in 1790 and its roots date back to 1754.
- **First Mint in the United States** - The first United States Mint opened in Philadelphia in 1792.

First Municipal Water System in the United States - The Philadelphia Water Works, an engineering marvel, began operation in 1799, and during the 19th Century, the Water Works was the second most popular tourist site in the United States after Niagara Falls.

First Art Museum in the United States - The Pennsylvania Academy of Fine Arts was founded in 1805.

First Republican National Convention - The first Republican National Convention was in Philadelphia on June 17, 1856.

First Zoo in the United States - The Philadelphia Zoo opened in 1874.

First World's Fair in the United States - The first world's fair, the Centennial Exhibition, was held in Philadelphia in 1876 to mark the 100th birthday of the United States.

First Mother's Day Celebration - Through the efforts of Anna Jarvis and Julia War Howe (who wrote "The Battle Hymn of the Republic"), Philadelphia was the first city to honor Mother's Day as a holiday, and in 1914, President Woodrow Wilson proclaimed Mother's Day a national holiday.

First "International Style" Skyscraper in the United States - The Philadelphia Savings Fund Society (PSFS) Building, 33-stories tall, opened its doors in 1932, and it was notable for many reasons including that it was the second building in the country to be fully air conditioned.

First Thanksgiving Day

Parade - The First

Thanksgiving parade, sponsored by Gimbel Brothers Department Store, was held in 1920.

First Girl Scout Cookies - Girl

Scout Cookies first made their debut in 1932 in Philadelphia. One of the initial fund raising efforts that the Girl Scouts did was to demonstrate their baking skills in the window of the Philadelphia Gas and Electric Company, and then they started selling their products right there which led to the creation of Girl Scout Cookie Week in 1934.

First Computer in the World -

The Electronic Numerical Integrator and Computer, or ENIAC for short, was invented at the University of Pennsylvania in 1946. ENIAC was the first all-purpose digital computer, and it signaled the birth of the Information Age. Plus, Philadelphia has many more firsts waiting for you to discover...

CONGRATULATIONS TO THOSE COMPLETING UPGRADE CLASSES

Congratulations to the following individuals who have recently completed classes offered through the apprenticeship program! We appreciate your commitment to the industry!

SIGNIFICANT CHANGES TO THE NEC

- Josh Murray
- L. Earl Davis
- Robert Rovella
- Adrien Antosz

- Jose Moncada
- Ralph Yniguez
- John Greene



FIRST AID/CPR

- John Agra
- Adrien Antosz
- Ruben Lozano
- Javier Martinez
- Luis Ortiz
- Austin Pless
- Brett Ritchie
- Ralph Yniguez
- Ronald Zych

APPRENTICE APPLICATION INFORMATION

The Tri-County Electrical JATC accepts applications on a year-round basis. For more information regarding the process, please click in the following link:

JATC INFORMATION

BASIC ESTIMATING OF ELECTRICAL CONSTRUCTION

Monday June 11th -
Thursday, June 14th, 2018
8:00 am to 4:00 pm (each day)

Santa Clara Valley Chapter
Office, 1493 Park Ave San Jose

\$500 per-person for Chapter Members
\$850 for Non Chapter Members
This class normally costs over

\$800 per person. SCVNECA is discounting the course to all NECA members!!! Small mistakes in an estimate can have a huge impact on your bid's bottom line and this course provides the tools needed to be both comprehensive and competitive. This course will discuss the process for assembling an estimate including: developing material lists, applying labor unit data, material takeoff and application of direct job costs, overhead, and profit.

Following this course, participants will be able to:

- List types of mistakes found when estimating electrical construction projects and how to avoid them
- Describe the parts of an estimate
- Explain the importance of establishing the true cost for a project
- Develop an estimate to provide job management information
- Discuss how labor units can be used to competitively bid projects
- Explain the difference between a competitive bid and simply a low bid

Please call the Santa Clara office @ [408-288-6100](tel:408-288-6100) or email jgamble@scvneca.com to RSVP.



APRIL 25TH



The Omnibus Spending Bill Is Good News for Electrical Contractors

On March 23, Congress passed, and the president signed, a \$1.3 trillion federal spending bill. It keeps the federal government open for the remainder of the fiscal year and contains portions that may be favorable to electrical contractors.

"There is no such thing as a perfect piece of legislation, but this is pretty good," said James Farrell, manager, government affairs, NECA. "There are a number of NECA priorities in this bill, which we have been working on for several months, and the bill came together as a result of a very open process in Congress."

Benefits come in the form of infrastructure spending, small business lending, training and more.

INFRASTRUCTURE

"This bill makes some serious investment in infrastructure spending, and this means a lot of opportunities for electrical contractors," Farrell said.

The final agreement provides \$70.3 billion in discretionary spending, which is a \$12.6 billion increase from the year before.

As relates to the U.S. Department of Transportation, there are \$27.3 billion in discretionary appropriations, and \$58.9 billion in mandatory appropriations. A total of \$45 billion is available for the Highway Trust Fund. The bill authorizes \$7.5 billion for the Federal Highway Administration.

An impressive total of \$1.5 billion (a \$1 billion increase from FY2017) is available for Transportation Investment Generating Economic Recovery (TIGER) Grants, also known as the National Infrastructure Investments.

"This is a serious investment," Farrell said.

These grants are designed for projects that help achieve national objectives and can include capital funding for municipality and county projects.

"There is also \$1.9 billion in funding for Amtrak, which will translate into some much-needed infrastructure

investment," Farrell said.

In addition, \$250 million is earmarked for the Federal-State Partnership for State of Good Repair grants.

"This funding will address critical rail investments nationwide and on the Northeast Corridor," he said.

The Federal Aviation Administration budget was increased to \$1.2 billion for next-generation systems, which means more infrastructure projects.

"This is a serious investment." —James Farrell, manager, government affairs, NECA

Additional infrastructure funding is made available to the U.S. Department of Defense. In specific, \$10.1 billion (\$2.4 billion above the FY2017 level and \$308 million above the Trump administration's budget request) will be available to fund 201 military construction projects. This includes funds for large and small construction and renovation projects on domestic and overseas military bases.

There is also \$885 million available for major and minor construction projects associated with Veterans Affairs (VA) hospital replacement and scores of projects to improve access to VA hospitals, Farrell said.

For the U.S. Department of Commerce, \$301 million is available for the U.S. Economic

Development Administration, which supports brick-and-mortar projects in economically distressed communities, including the expansion of smart grid and broadband infrastructure.

In addition, \$1.2 billion was provided to the National Institute of Standards and Technology (NIST), part of which is earmarked for the NIST Manufacturing Extension Partnership, a public-private partnership, part of which is designed to support cybersecurity initiatives.

Furthermore, the General Service Administration will be able to spend \$9 billion from the Federal Buildings Fund, which provides funding for construction, repairs, cleaning, utility costs, security and other maintenance costs of federal buildings.

"This funding is long overdue," Farrell said. "Funding is also in place for the construction of new federal courthouses, which will all translate into jobs that contractors can bid on."

"All of these numbers translate into jobs that electrical contractors can bid on," he said.

LENDING

The omnibus bill also enables the Small Business Administration to provide assistance to small businesses and increase job growth.

"The bill fully funds loans at \$156.2 million," he said.

TRAINING

There is also much in the way of new funding for technical and vocational training. The U.S. Department of Labor, for example, receives \$295 million for its Veterans Employment Training (VETS) Program, which will give veterans access to job training and other services. Another \$2.8 billion is earmarked for workforce training programs. These funds are distributed by formula to states and localities to meet each state's unique job training and re-employment needs.

"All of these numbers translate into jobs that electrical contractors can bid on." — James Farrell, manager, government affairs, NECA

An additional \$1.7 billion is made available to fund the 126 Job Corps centers, which represent the nation's largest career technical training and educational programs for youth. Approximately 95 percent of Job Corps students end up attaining industry-recognized certifications. And, \$145 million (an increase of over 50 percent from FY2017 funding) is earmarked for apprentice training programs.

The U.S. Department of Education receives \$1.2 billion for career and technical

education state grants. Farrell said many of these training programs may not directly benefit electrical contractors.

"However, it is always good to encourage training and apprentice programs," he said. "It shows that there is a serious commitment at the federal level to not just pushing a four-year college degree down everyone's throat, which was a trend for a number of years. These programs show young people that there are other options."

PERSPECTIVE

Overall, Farrell thinks ECs should be happy with the legislation.

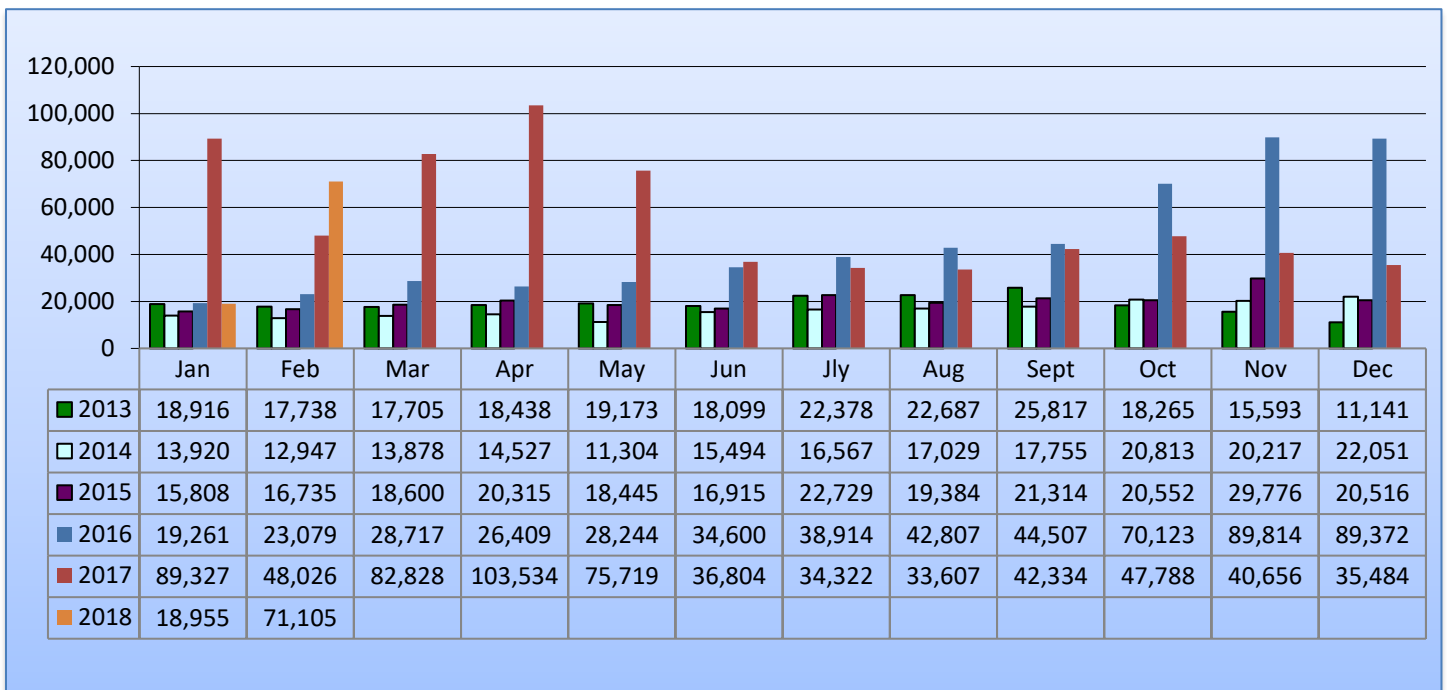
"The bill was a very good one for infrastructure investment," he said. "It shows that Congress is taking the president's commitment to infrastructure seriously by putting some real money toward it. In fact, we see this bill as a 'down payment' on an even larger infrastructure bill."

AVAILABILITY LIST UPDATE

On the Inside Out-of-Work List, there are 11 on Book 1, 73 on Book 2, 15 on Book 3 and 15 on Book 4. There is 1 on Book 2, 1 on Book 3 and 1 on Book 4 for Sound & Comm. There are 19 on CW Book 1 and 173 on CW Book 2. There are 6 Inside apprentices available for work at this time.



INSIDE MONTHLY HOURS REPORT





April 3-6, 2018
NECA District Nine Meeting
Maui, Hawaii

April 25, 2018
Administrative Assistant's Day

May 18, 2018
Tri-County Electrical JATC Gradation
Monterey Tides Hotel
Monterey, CA

June 13-16, 2018
Western Region Managers Meeting
Anchorage, AK

July 22-26, 2018
Tri-District Meeting
Colorado Springs, CO

July 28-August 4, 2018
National Training Institute
Ann Arbor, MI

September 29-October 2, 2018
NECA Convention
Philadelphia, PA