NEIEP INSTRUCTOR TRAINING 2016

The National Elevator Industry Educational Program firmly believes that an educational program is only as good as its instructors. This is why each year NEIEP sets out to develop and enhance the skills of our new and current educators through workshops and seminars. This year NEIEP will be offering courses from June through October which will cover a range of topics from beginning teaching techniques, to highly specialized trade skills. In addition to training in the classroom, safety on the jobsite is always a priority, and classes geared toward that end will be offered alongside the lab workshops that have become a hallmark of the NEIEP training program.

This year our course offerings include:

**Instructor Training**

NEIEP’s **Basic Train the Trainer** and **Advanced Train the Trainer** courses are designed to give instructors the tools and skills to present material effectively, as well as gain confidence. Rather than prescribe to our instructors how to present certain material, these courses are designed to get instructors thinking about the learning and teaching process, and how to deal with challenges. Instructors who enroll in these classes gain confidence and skills that are applicable to situations in and out of the classroom, and across content and material.

**Safety and Equipment Training**

NEIEP offered more **CPR Instructor Training** this June. Because of the strict limit on class size and the high demand, these classes filled up immediately. NEIEP is proud to support safety on the jobsite by training more CPR instructors who will go on to train mechanics and apprentices in vital life saving techniques. Additionally, NEIEP will be offering more training for our newest Continuing Education courses with our **Fork Lift and Aerial Lift Workshop**. These trainings are provided through our partnership with Hertz Equipment Rentals, who also provide the equipment our instructors will train on.

NEIEP was overwhelmed this year by applicants and renewals for our **Scaffolding Workshops**, so much so that we had to add extra classes to accommodate those interested. Safely being able to work on and erect scaffolding is a pivotal, as well as desirable skill, and NEIEP is thrilled that this class is in such high demand.

**Lab Workshops**

NEIEP’s **Lab Workshops** are specifically targeted training that allow our instructors to gain confidence and experience teaching labs that require hands-on participation.

The **DC Motor Lab Workshop** is a hands-on workshop providing an opportunity for instructors to setup and run the experiments in a comfortable environment. Outcomes, challenges and class-
room presentation using the lab are explored.

Similarly, The Solid State Workshop covers the basics and beyond of the lab used in the Year 4 curriculum. The setup and application of equipment such as the oscilloscope, frequency generator, digital bench meter, and power supply are integrated into actual execution of experiments using the lab’s basic and advanced components.

Finally, in the Hydraulic Controller Lab, instructors work through the experiments using the five-step troubleshooting method, recording their progress as their students will do in the classroom. This workshop provides instructors with experience using the lab so they can explain and interpret the outcomes of their students’ findings.

As always, NEIEP wishes to thank our instructors for their time and dedication to this work. NEIEP has completed the first round of training classes in June, and we look forward to continuing the training for the rest of the season. We want to take the time to recognize the effort all of our instructors put in to staying current in new technology, making sure their certifications are up to date, and that they are teaching and instructing in the most effective ways possible.

The first 2016 session of NEIEP’s online Instructor Professional Development (IPD) course is wrapping up as we go to press, with the highest completion rate of any section of the course to date. A total of 26 instructors from around the country will complete the course with flying colors. The participants were challenged to come together in a digital environment to facilitate advanced instructional learning and to develop a sense of community among their fellow veteran instructors.

The course is a mixture of discussion, self-reflection, and exploration based on various videos, podcasts, and readings presented each week. This results in a highly engaging learning environment that the instructors themselves create with the assistance of a course facilitator.

Participants critically examine the elements of good teaching in order to apply them to their classroom. They are directed to discover planning strategies to develop or improve a lesson and to familiarize themselves with proven best practices for facilitating courses. The exploration culminates with each participant preparing his or her own instructional action plan.

Instructors who have completed the Advanced Train the Trainer Course (ATTC) are eligible to take the Instructor Professional Development Course. The course is considered the capstone experience for the Advanced Certificate in Classroom Instruction from NEIEP’s Instructor Training Institute (NITI), offered in partnership with Roger Williams University. Eligible instructors should receive an invitation this summer for the next session of IPD, slated to run from September 12 – November 14, but please contact jhenson@neiep.org if you think you are eligible and would like to receive an invitation.
The economy and the work demand for the elevator constructor in both the United States and Canada are certainly at times out of balance, causing a surplus of unemployed elevator constructors in one country or the other. Due to program administrative differences as well as provincial, or state requirements, it was very difficult for an elevator constructor to move from one region to another. General President Christensen made it a goal upon taking office to bridge this gap and to promote a closer dialog between the NEIEP and CEIEP programs.

In fact, over the past 4 years there have been discussions regarding the ability of our members completing the NEIEP or CEIEP programs to have their credentials recognized between the two countries. In 2009 NEIEP restructured its core apprenticeship curriculum to create 8 individual semesters. The segmentation of the curriculum provided CEIEP with the opportunity to approach their curriculum for restructuring, creating parallels between the two programs. Addressing the material in smaller chunks allows both programs more flexibility in rolling out the newly formatted material without dramatically affecting the mechanic exam at the end of the programs. Having completed this task, discussions between CEIEP Program Director Pat O’Neill and myself focused on taking advantage of the parallels between the two programs in the form of portability of educational credential between both countries.

Earlier this year a situation once again arose that highlighted the necessity of establishing an agreement between the two programs. A mechanic from Local 82 traveled to Local 19 for an opportunity to go to work. This unemployed member would be required to obtain a license in Washington State to work as an elevator mechanic. The state typically accepts notification of graduation from the NEIEP program to grant him a license. An application was submitted to the state with the CEIEP program listed as the educational provider. The state rejected the application. Business Representative Pat Strafer discussed the issue with the state and was told that they would accept the application with a letter from the NEIEP program stating that the CEIEP program is equivalent to the NEIEP program.

After contacting Pat O’Neill and the NEIEP Board of Trustees, an agreement was worked out and put in place recognizing the core curriculum as parallel, and any additional requirements for individual states or provinces can be taken care of by offering independent courses. General President Christensen sent a letter in the beginning of April of this year to the Business Manager of Local 19 announcing this newly established agreement bearing the signature of CEIEP Director O’Neill and myself. With the assistance of all involved we now have, for the first time since the inception of the two programs in 1967, mutual recognition of the members’ educational accomplishments in both Canada and the United States.

**SEMESTER 100 PHOTOS NEEDED – CURRICULUM REVISION IN PROGRESS**

Do you have an eye for photography? Would you like to use your skills to benefit IUEC apprentices?

NEIEP is looking for images of elevator equipment and jobsites to use as part of our curriculum update project for semester 100. You don’t need to be a professional photographer to get a great shot, but all photos should be clear. And because the images will be used in our apprenticeship curriculum, it’s especially important that the equipment/jobsite is in compliance with OSHA requirements, and that any persons in the photos are wearing the proper PPE (such as hardhats or eye protection where needed). NEIEP can work with most file formats, but we prefer .jpeg, .tiff, .png or .bmp file types with the highest resolution your camera allows. Please use a flash if you are in a low light location.

For details on specific images we need, please contact Maggie Cleveland at mcleveland@neiep.org
CONTINUING UPDATES FOR CPR CLASSES

If you’re a CPR instructor you might have been wondering: how will all the recent changes to the American Heart Association’s CPR standards affect how I teach my class? Good news; two big changes are now being rolled out which should help facilitate a smooth transition into the new standards. As of this month NEIEP will begin sending out new instructor materials that comply with the American Heart Association’s most recent updates. This material is only being sent to instructors currently building and teaching classes. If you have not received your new instructor materials and have an upcoming CE030 class you should contact NEIEP immediately.

The second exciting development is that the American Heart Association has created a module for the CPR practice mannequins that will allow them to show when the student is achieving the correct beats per minute during compressions, as well as when they are reaching the correct depth of compression on the mannequin. When both the beats and the compressions are correct, a small green light will be illuminated, allowing the students to build strength and muscle memory through repetition. This module is installed with one screw, and does not affect any other parts of the mannequin.

With these new materials in place, our CPR instructors will be able to better prepare students with lifesaving knowledge and techniques. Feel free to direct any questions about new materials or CPR classes in general to Emily Carter at ecarter@neiep.org.