The 2004/2005 School year will see the introduction of some valuable interactive tools available for instructors and their students. Below is a description of the Maxton Valve and Basic Electricity software soon to be available on the NEIEP web site.

Maxton UC4 Valve Software
This Demonstration Program provided by Maxton simulates real-world hydraulic elevator valve adjustment properties. It can be used by Instructors in the classroom supplementing the Year 3 Basic Hydraulic Theory Lessons and by students on their personal computers. It uses a simulated elevator hoistway with a moving car that responds well to user input valve adjustments. Even though only one type of valve is simulated here it gives the user a good sense of the adjustment process. Continual speed, acceleration and deceleration rates are indicated for determining the results of your adjustments. A realistic graphical hoistway run and approach to floor provide a fun learning experience.

Basic Electricity Software
Neiep has secured an Enterprise Wide License for use of interactive basic electricity programs. They can be used by the student for independent practice, augmenting classroom lessons, or as self-guided instructional aids for the Distance Learning student. They are targeted at Year 2 Basic Electricity and Year 4 Basic Solid State but may also be used at the instructor’s discretion for areas of Year 3. The programs have a light, easy to use format that is entertaining and educational. Instructors may choose to use them in the classroom as an addition to their PowerPoint presentations or as a competitive team challenge. Extra features are described in the manual section of each program. Any of the following programs can be downloaded and installed on your computer:

**Basic Circuits Challenge**
This program contains the most basic Ohms law problems as those used in 2.2.3 and progresses into 2.2.5 Series and Parallel Circuit combinations. Students learn the mechanics of these circuits without bogging them down with complicated math. The Resistor Color Code session is well suited for 2.2.4.

**DC Circuits Challenge**
This extreme session in series and parallel circuits presents various known values to the students and queries them to put the facts together to pursue remaining unknowns. There are ultimate trouble shooting drills to determine faulty components and apply their newly acquired skills.

**AC Circuits Challenge**
Voltage conversion drills for RMS, Peak, and Average values provide practice for 2.2.8 AC Theory. The Transformer section is used with 2.2.9 for practice with primary and secondary voltage, current and turns ratios. Series and parallel capacitor and inductor circuits support 4.1.1 and .2.

**Solid State Challenge**
The diode testing portion can be used with 4.1.3 and the transistor testing with 4.1.4. Troubleshooting simple amplifiers can be useful for understanding basic transistor concepts. The remaining transistor functions are best suited to advanced Solid State Electronics.

**Power Supply Challenge**
Different types of power supplies are investigated for faults using both an oscilloscope and a voltmeter. Great practice for 4.1.5.

**Op-Amp Challenge**
The beginning sections of the program provide exercises in basic Op-Amp operation and troubleshooting supporting 4.1.5.

**Digital Challenge**
These exercises are ideally suited for recognizing and solving logic circuits problems containing digital integrated circuit gates as described in 4.1.6.
Lindell lives in Pawtucket with her husband Gary. They have a daughter, Kelley, 24, who is no longer at home. Lindell enjoys spending time with family and friends and likes reading, movies, shopping, and gardening. At one time, Lindell had a big rose garden at home but has recently downsized. Gardening still serves as a way to relax for her when she leaves the hectic pace of the NEIEP office.

What does Lindell enjoy most about her job? She says, “it is a pleasure to work for a company like NEIEP! The staff and co-workers here help create a very pleasant work environment. I also enjoy speaking with my locals on a daily basis.”

It seems that the locals truly appreciate the hard work that Lindell puts in for them and enjoy speaking with her as well. Several of her locals have provided positive feedback on Lindell’s diligence and assistance throughout the school year.

Assistant Director John O’Donnell says that Lindell is “a hardworking individual who is dedicated to accuracy in her job. NEIEP, as well as the membership of the locals she works with, have benefited greatly from her employment here.”

### NEIEP Employee Spotlight - Lindell Silvia

Lindell began working at NEIEP on January 13, 2003. Coming to work here as the transition to apprenticeship was fully underway, Lindell jumped right in and hasn’t looked back. She is currently the Administrative Assistant for locals 8, 18, 19, 23, and 140.

Lindell grew up in Pawtucket, RI, and graduated high school from W.E. Tolman Senior High. After high school, Lindell received a degree in secretarial and accounting from the Rhode Island Business Institute.

Before beginning at NEIEP, Lindell worked at Bell Fasteners in Pawtucket, in the accounts receivable department and before that in accounts payable for Almacs, a local grocery business.

### Changes to Seminar/Workshop Registration

This year’s Seminar/Workshop Registration selection will be done in a different way than past years. Seminar/Workshop Registrations will be compiled from the Course Registration Forms each local committee submits. Instructors will be invited based on the course(s) they are registered to teach and the corresponding Seminar or Workshop for that course. Please remember Seminars/Workshops are filled on a first come first serve basis, so timely submission of class registration paperwork for the 2004/2005 season is essential.

### From the Warehouse: Text Returns

Text and Exam Return. It is time once again to clean out the excessive inventory that you may have acquired this season. NEIEP tracks student registration and compares that to actual students enrolled in the courses. You are required to return all texts and exams that you may have left over. Failure to return excessive texts and exams may result in delay of the shipment of your materials for next season. Please return these items to NEIEP. For return information please contact Rob @ 800-228-8220 x30 or via email, warehouse@neiep.org.

### Attendance and Year-End Exam Results

Attendance for June 2004 is due on or before July 7th, 2004. Year-end examination results will not be released until all class attendance, including the final night’s attendance, has been received by NEIEP. This is to assure that apprentices receive credit for all make-up hours and unit examinations taken prior to the Year-end Examination. Please assist us with this process by making sure all attendance, including make-up attendance, is submitted on time so that Year-end examination results can be available on July 8th, 2004.

### Free Internet Access 10 Hours Per Month with NetZero

Looking for an internet service provider to provide a connection so that you can stay up-to-date with submission of NEIEP paperwork? We can point you to a possible solution.

Get free internet access for 10 hours each month from NetZero. NetZero is a nationwide internet service provider offering HiSpeed, Platinum and Free Internet Service. Go to the main Instructors page on the NEIEP web site and click on the NetZero logo to sign up.
NEIEP AREA COORDINATORS REPORT ON RECRUITMENTS AND EVENTS

James McGoldrick, Region 1, New York City:
Local 1 has not required a recruitment as of yet but plans for one at a future date. As for the classroom program, instructors and students have appreciated the use of computers and PowerPoint in classroom instruction.

Ray Roche, Region 2, Northeast:
Region 2 has completed apprentice aptitude tests and interviews in the following locals: 11 Cincinnati, 17 Cleveland, 37 Columbus, 45 Akron and 6 Pittsburgh. The Local 44 Toledo Aptitude Test was held May 17, 2004 and Local 84 Aptitude Test was held May 18, 2004. Thanks to all JATC members who spent their time learning this new Apprentice selection process.

John Spinella, Region 3, Southeast:
Region 3 SW is in the process of wrapping up recruitments for Locals 24, 49, 71, 74, 124, and 139. Local 32 informed me at the Florida BA’s meeting in April that they were OK at this point and did not need a recruitment. Most Locals had a good turnout, while a couple will possibly need more recruits soon. Remember, we need a 3 month head-start on recruitments before you need to hire. I’d like to take this opportunity to thank all of my locals, Agents, JAC members, and Instructors for their dedication and hard work over the past year. We definitely couldn’t have done it without you.

Ted Shank, Region 4, Midwest:
Midwest area - all recruitments finished and applicant pools developed in Indiana, Iowa, Michigan, and Wisconsin. Local 2 is done in Illinois with Local 55, Peoria, to be run this summer. The Organizers have been busy, in that 49 tests have been administered to 27 individuals in Locals 2, 15, 33, 34, and 132.

Clint Matthews, Region 5, Southwest:
Recruitments have recently closed for Local 140, Phoenix, and Local 21, Dallas. The work situation in Local 21 is sufficient enough at this time to warrant implementation of another recruitment drive. Requests for application will be accepted between June 23, 2004, and July 7, 2004. We have been recruiting heavily in Region 5 with Helmets to Hardhats, an organization designed to help recently discharged veterans secure employment relative to skills they obtained while serving their country. We always recruit from a number of diverse organizations. If anyone knows of an organization that can provide qualified applicants please let me know.

Earl Baker, Region 6, Northwest:
Recently, I was involved in the process of doing a recruitment for apprentices in the State of Montana. Testing took place on May 27, 2004. Interviews and evaluations will be completed on June 24, 2004. Recruitments have been completed in the following States: Nebraska, Colorado, Alaska, Minnesota and Washington.

Thaddeus Tomei, Region 7, Hawaii:
Recruitment outreach and advertising started in October and testing and interviewing were completed this March. Recruitments were held individually on each island.

Roy Francesconi, Region 8, Northern CA/Northwest:
Presently performing a recruitment in Local 38 in Boise, ID, and Salt Lake City, UT. Northern California has high unemployment and we are currently attempting to change the standards to an as needed basis from the current system of accepting requests for applications daily. Oregon will be having a recruitment by mid-summer. We are presently awaiting approval of our selection procedures. Our standards were recently approved in Nevada and we are indenturing apprentices and will be holding a recruitment in the fall.

Ed Lackey, Region 9, Southern CA:
I am in the process of starting a recruitment for Local 18, for two apprenticeships in California and Nevada. Also, I have been working with the instructors to ensure that their records are up to date for the end of the school year.

Quint Harmon, Region 10, Mid-Atlantic:
We’ve had 4 recruitments: Philadelphia Local #5, completed 1/31/04; Washington, D.C., Local #10, completed 4/20/04; Baltimore, Local #7, completed 4/27/04; Harrisburg, Local #59, is in process.

Tom Breindel, Region 11, SEC:
Region 11 has interviewing in Nashville and Knoxville 6/1/04 and recruitments in Durham, NC, Local 80, 6/28/04; Asheville, NC, Local 135, 6/29/04; Charleston, SC, Local 135, 6/30/04.

Joe Devlin, Region 12, New England and New York State:
Region 12 is currently involved with a recruitment in Local 4 concerning the State of Maine. Our work there will be completed by the time this report goes to press. All of New York State with the exception of Local 138 Poughkeepsie is done. We will commence that process there on July 27, 2004. Also all of Massachusetts is done and we will finish Locals 91 and 39 this fall. It looks like we are well on our way to implementing Apprenticeship.

Tim Daly, Region 13, South Central:
We have had Aptitude tests in the following locals: Local 12 Kansas City, MO, Local 3 St. Louis, MO, and Evansville, IN the first week in May. Recruitment is ongoing in Local 83 Tulsa, OK. We also have Aptitude tests in Local 79 Shreveport, and Local 83 the first week in June. Local 12, Springfield, MO and Local 3, Evansville, IN have interviews the third week of June. Local 3 St. Louis, MO, and Local 12 will have interviews the last week of June.
**KEEPPING UP THE LABS**

Many of the local training programs keep their training labs onsite from season-to-season. This helps NEIEP keep our shipping costs down, while making it convenient for the local programs to ensure they have equipment when needed.

One concern with this system is our need to keep the labs fully outfitted and in good condition. To help with this problem, NEIEP sends lab inventory sheets. Each lab audit sheet lists all required components for that particular lab. These sheets are primarily designed to help the locals identify problems and/or missing components and request replacements without having to ship the entire lab back to the warehouse.

For example, the Solid State Labs have many small, discrete, and integrated circuit components. The inventory sheet will have a layout that mirrors the storage board components. Any missing items from the board can be checked off and the results can be sent back to NEIEP. We will assemble and ship the missing items at a much lower cost than returning and refurbishing the units. If the tunnel lab or oscilloscope need service or calibration, we can have just those items recalled when it is convenient, fix the problem, and then return it to your local.

This same process would apply to any other lab you may have in your inventory. Our warehouse manager, Rob, will follow-up on the inventory sheets that need to be completed. If the checks are not completed in a timely manner, we will recall the entire system for refurbishment.

By taking the time to do this check at the end of the season, you can ensure that the equipment will be fully ready to support your classes when the next season starts. Additionally, you can help us reduce the cost of shipping on items that may not need to be recalled.

If you have questions or concerns regarding lab inventories and maintenance, please contact Rob Perkoski at 800-228-8220 ext. 30 or via email at warehouse@neiep.org