Electrical Maintenance & Coding

Summer 2020

Electrical Code
A study of the national electrical code and preparation of apprentice exam that leads to licensing.
(3.0 CEUs) Required book available at the SCC Campus Store, 8800 O St., Lincoln, or at www.sccbookstore.com. This course has been approved for 30 code hours by the Nebraska State Electrical Board.

Gap Tuition Assistance is available for those who qualify. Visit www.southeast.edu/cefinassist for assistance options.

National Electrical Code Seminar
This 12-hour seminar for licensed electricians meets the Nebraska State Electrical Act’s 12 contact hours of continuing education requirement. Code topics include wiring, protection, equipment, special occupancies, code changes, and more.
(1.2 CEUs) The seminar will be held Friday from 8 a.m.-5 p.m. and Saturday from 8 a.m.-noon.

Motor Control & Relay Logic
Prerequisite: Electrical Fundamentals (ELEC-6075) or equivalent
Three-phase motors, motor starters, wiring, relays, timers, schematics, wiring diagrams, industrial symbology, relay logic, and timer circuits will be covered using discussion and hands-on training equipment.
(2.4 CEUs) Digital multimeters are provided; however, learn more by bringing the digital multimeter you normally use. Gap Tuition Assistance is available for those who qualify. Visit www.southeast.edu/cefinassist for assistance options. SCC staff tuition waiver doesn’t apply.

Electrical Troubleshooting
Prerequisite: Electrical Fundamentals (ELEC-6075) and Motor Controls & Relay Logic (ELEC-6076) or equivalent
Use training equipment with industry standard devices to improve electrical troubleshooting skills. Includes proven tips and techniques for experts and beginners.
(2.4 CEUs) Gap Tuition Assistance is available for those who qualify. Visit www.southeast.edu/cefinassist for assistance options.

Basic RS LOGIX 500, Allen-Bradley PLCs
Prerequisite: Knowledge of industrial machine controls
This three-day session provides general background theory, applications information and programming practice for mechanics, technicians and engineers who specify or maintain PLC-based systems using RS Logix 500.
(2.4 CEUs) Class size limited to 12 to permit hands-on practice using Allen-Bradley PLCs and RSLogix 500 and RSLogix on training work stations. One hour lunch on your own. Gap Tuition Assistance is available for those who qualify. Visit www.southeast.edu/cefinassist for assistance options. SCC staff tuition waiver doesn’t apply.

Location Key
Lincoln, CEC.........................Jack J. Huck Continuing Education Center, 301 S. 68th St. Place
Lincoln, LNK..........................Southeast Community College, 8800 O St.

Check out all classes offered at www.southeast.edu/continuing
Find us on Facebook at www.facebook.com/SCCNebCE

Cancellation/Refund Policy: You must call the Continuing Education office at 402-437-2700 or 800-828-0072 the day before the class begins to receive a 100% refund. If you call the day of the class or after it has started, no refund will be issued. If a class is cancelled or student drops (according to the refund policy), refunds will be issued to the student, unless a third party has been formally billed by SCC Business Office. ADA Reasonable Accommodations: SCC provides services and reasonable accommodations to allow persons with disabilities to participate in educational programs and other College activities. For information on requesting ADA reasonable accommodations, contact the SCC Area Access/Equity/Diversity Office.
Industrial Electro-Pneumatics
Participants with industrial experience learn the principles of basic pneumatic and electro-pneumatic circuits using a computer layout and simulation program. After any problems with the simulated pneumatic circuits have been diagnosed and fixed, then circuits are constructed and operated on the trainer board using actual valves, cylinders and compressed air.

(3.2 CEUs) Gap Tuition Assistance is available for those who qualify. Visit www.southeast.edu/cefinassist for assistance options.

Sept. 14-17
Lincoln, CEC, 415
M, T, W, Th, F 8 a.m.-5 p.m.
ELEC-6871-CEFA
Keyword: Pneumatics
$699

Basic Programmable Logic Controllers (PLCs) for Electricians
Training consists of three-hour lecture and three-hour lab covering Basic PLCs applicable to the Electrical trade. This is an excellent opportunity to apply theory to hands-on lab projects that reflect possible problems encountered in daily work.

(0.6 CEUs) This training can be used to fulfill a portion of the bi-annual, non-code recertification as prescribed by the Nebraska State Electrical Division.

Sept. 18
Lincoln, CEC, 404
F 8 a.m.-3 p.m.
ELEC-7218-CEFA
Keyword: PLC
$225

Register Today!
You must have an email account to register online.


2. **Search for your class** by entering either a **key word** in the title or the **course number**. Click **Submit**. (Enter information in only one field for broader results.)
   - Key Word Example: *Driver*
   - Course Number Example: *TRAN-3398*

3. **Select the course** for which you wish to register. Click **Submit**.

4. Enter your **personal information, certify your identification** and click **Submit**.
   * You must provide your Social Security Number.

5. **Optional**: Enter your **Additional Registration Information** and click **Submit**.

6. If you want to register for additional classes, select **Search for more classes** under “Choose one of the following.” If you are finished selecting the class(es) for which you want to register, select **Register now (check out)**. Select your **Payment Type**. Click **Submit**.

7. Enter your **payment information**. Click **Submit**.

You will see your **class acknowledgement** with information about your **SCC Student ID Number**, **SCC User ID** and **password**. You also will receive an email with this same information for your records.

In the future it will be easy to register by logging in using your SCC User ID and password and it will not be necessary to provide your Social Security number again.

If you have problems getting registered, please call 402-437-2700 or 800-828-0072 for assistance.