

# SPRING SEMESTER 2026

## NIULPE Prep II and I

13 weeks  
5PM—8PM

Date: **Every Monday beginning February 9, 2026**

Place: 1001 E ENTRY DR, 15216

Instructor: Carl A. Luisi

### Tuition:

Education Fund Members – \$0.00

Local 95 Members - \$550.00

Non-Members - \$835.00

Books and Materials: (Not covered by the Ed. Fund.)

BOOK = \$147.00

Approved for SOE



## Plumbing I

13 weeks  
5PM—8PM

Date: **Every Monday beginning February 9, 2026**

Place: 1001 E ENTRY DRIVE, 15216

Instructor: Dave Lubawy

### Tuition:

Education Fund Members – \$0.00

Local 95 Members - \$550.00

Non-Members - \$835.00

Consumables fee = \$75.00 (not covered by the Ed. Fund)

BOOK=\$130.00

STUDY GUIDE=\$44.00

Approved for SOE



## DDC Digital Controls I

13 weeks  
5PM—8PM

LIMIT 18 STUDENTS

Date: **Every Monday beginning February 9, 2026**

Place: Pittsburgh Air Systems

208 Bilmar Dr, Pittsburgh, PA 15205

Instructor: Jason Konley

A windows based laptop is highly recommended for the hands on programming

### Tuition:

Education Fund Members – \$0.00

Local 95 Members - \$550.00

Non-Members - \$835.00

Books and Materials: (Not covered by the Ed. Fund.)

In House Hand outs and materials: \$25.00

Approved for SOE



## Industrial Electric I

13 weeks  
5PM—8PM

Date: **Every Monday beginning February 9, 2026**

Place: 1001 E ENTRY DR, 15216

Instructor: Jerry Myers

### Tuition:

Education Fund Members – \$0.00

Local 95 Members - \$550.00

Non-Members - \$835.00

Books and Materials: (Not covered by the Ed. Fund.)

BOOK=\$116.00

STUDY GUIDE= \$44.00

Approved for SOE



# SPRING SEMESTER 2026

## Chief Engineer Certificate

12 weeks  
4PM—7PM

Date: Every Tuesday beginning February 10, 2026

Place: 1001 E ENTRY DRIVE, 15216  
Instructor: Gary Schwartz

### Tuition:

Education Fund Members – \$0.00  
Local 95 Members - \$440.00  
Non-Members - \$774.00

Books and Materials: (Not covered by the Ed. Fund.)

### House Publication

BOOK = \$40.00

Approved for SOE



## High Pressure Steam Boiler

13 weeks  
4PM—7PM

Date: Every Tuesday beginning February 10, 2026

Place: 1001 E ENTRY DRIVE, 15216  
Instructor: Mike Petrone

### Tuition:

Education Fund Members – \$0.00  
Local 95 Members - \$550.00  
Non-Members - \$835.00

Books and Materials: (Not covered by the Ed. Fund.)

BOOK = \$140.00

STUDY GUIDE = \$37.00

Approved for SOE



## HVAC I

13 weeks  
5PM—8:00 PM  
LIMIT 15 STUDENTS

Date: Every Tuesday beginning February 10, 2026

Place: 1001 E ENTRY DRIVE, 15216  
Instructor: Stephen J. Flaherty

### Tuition:

Education Fund Members – \$0.00  
Local 95 Members - \$550.00  
Non-Members - \$835.00

Consumables fee \$75.00 not covered by the Ed. Fund

BOOK = \$170.00

STUDY GUIDE = \$50.00

Approved for SOE



## Basic Electric II

13 weeks  
5PM—8PM

Date: Every Tuesday beginning February 10, 2026

Place: 1001 E ENTRY DR, 15216  
Instructor: Dan Kollar

### Tuition:

Education Fund Members – \$0.00  
Local 95 Members - \$550.00  
Non-Members - \$835.00

Books and Materials: (Not covered by the Ed. Fund.)

Consumables fee = \$70.00

Must have completed Basic Electric I

Approved for SOE



# SPRING SEMESTER 2026

## Commercial Kitchens

13 weeks  
5PM—8PM

LIMIT 20 STUDENTS

Date: **Every Wednesday beginning February 11, 2026**

Place: 1001 E ENTRY DRIVE, 15216

Instructor: Victor Ellis

### Tuition:

Education Fund Members – \$0.00

Local 95 Members - \$550.00

Non-Members - \$835.00

Books and Materials: (Not covered by the Ed. Fund.)

*House Publication*

BOOK= 45.00

Approved for SOE

## HVAC III

13 weeks  
5PM—8:00 PM

Date: **Every Thursday beginning February 12, 2026**

Place: 1001 E ENTRY DRIVE, 15216

Instructor: Kevin Kehren

### Tuition:

Education Fund Members – \$0.00

Local 95 Members - \$550.00

Non-Members - \$835.00

### Fees:

Consumables fee \$75.00 not covered by the Ed. Fund

**\*Must have completed HVAC II**

Approved for SOE



## Solid State Electronics I

13 weeks  
5PM—8PM

LIMIT 10 STUDENTS

Date: **Every Thursday beginning February 12, 2026**

Place: 1001 E ENTRY DRIVE, 15216

Instructor: Dan Kollar

### Tuition:

Education Fund Members – \$0.00

Local 95 Members - \$550.00

Non-Members - \$835.00

Books and Materials: (Not covered by the Ed. Fund.)

Consumables fee= \$30.00

BOOK= \$87.00

STUDY GUIDE= \$37.00



## General Maintenance & Carpentry II

13 weeks  
5PM—8PM

Date: **Every Thursday beginning February 12, 2026**

Place: 1001 E ENTRY DRIVE, 15216

Instructor: Jim Minert

### Tuition:

Education Fund Members – \$0.00

Local 95 Members - \$550.00

Non-Members - \$835.00

**Must have completed GE & Carpentry I**

Approved for SOE



The ***INDUSTRIAL ELECTRIC COURSE*** is designed for use in the electrical industry, electrical training programs, and related fields. During this course we will delve into the following topics:

- Troubleshooting
- Basic Electrical Theory
- Symbols and Circuits
- Meter Symbols and Terminology
- Meters
- Special Meters
- Basic Circuit Measurements
- Relays and Motor Starters
- Troubleshooting Relays and Starters
- Motor Electrical Problems
- Motor Mechanical Problems
- Troubleshooting DC Motors
- Troubleshooting AC Motors
- Power Distribution
- Troubleshooting Power Quality
- Troubleshooting Motor Control Circuits
- Electric Motor Drives
- Troubleshooting Electric Motor Drives
- Lighting Circuits
- Troubleshooting Lighting Circuits
- Solenoids and Heating Elements
- Mechanical and Solid-State Switches
- Diodes, Transistors, and Thyristors
- Testing Diodes, Transistors, and Thyristors
- Programmable Controllers
- Alternative Energy Systems
- Preventive Maintenance





## PREP II and I

This **REFRESHER** course covers all aspects of boilers, including boiler operation and maintenance, mathematical calculation and theory, turbines, steam management, water treatment, and control systems for boilers, as well as pumps, motors and some HVAC theory.

KEEP in MIND, while this 13 week course covers MANY topics, it is not to be used as a substitute for the actual boiler, electrical or HVAC courses.

This REFRESHER course is to be used as a preparatory for the NIULPE exams.

## **DDC CONTROLS PRESENTED BY:**

**Pittsburgh Air Systems: an official partner with IUOE Local 95**



The DDC Controls Training Program provides hands-on instruction in the installation, programming, troubleshooting, and maintenance of direct digital control systems used in HVAC and building automation applications.



## CHIEF ENGINEER



The ***Chief Engineer Course*** presents the service skills, behaviors, and attitudes necessary to be a highly successful Chief or Lead in the trades. You will learn the customer service skills needed to communicate effectively with both external and internal customers, contractors, staff and facility personnel, while troubleshooting technical problems.



Our ***High Pressure Boilers*** course continues to be the best choice for preparing for high pressure boiler operator and facility operating engineer licensing. We cover a comprehensive overview of the safe and efficient operation of high pressure steam boilers and related equipment. The latest combustion control technology, as well as EPA regulations and their implications. This course is the perfect start to begin your journey as a licensed operating engineer.





# Commercial Food Service Equipment Repair.



## Objective and Topics

Provide students with comprehensive training in the safe and proper repair, service, maintenance, and installation of commercial kitchen equipment, food service equipment, and kitchen hood systems.

### Introduction:

This course was developed to meet the growing demand for highly trained food service equipment repair technicians, equipping students with essential skills for safe, efficient, and reliable service in kitchens.

# **IUOE Local95: Digital Electronics and Solid State Fundamentals Course**

## **Summary of Course:**

Digital Electronics is a field of electronics involving the study of digital signals and the engineering of devices that use or produce them. Digital circuits are in everything that we use, from toasters to our automobiles.

Digital electronic circuits are usually made from large assemblies of logic gates, often packaged in integrated circuits and are used to process and control the digital signals.

The major focus of the DE course is to expose students to the design process, troubleshooting and repair of these systems.

## **Course Syllabus:**

This 26 week - 2 part course will consist of the following topics and utilize theory and hands on LAB WORK.

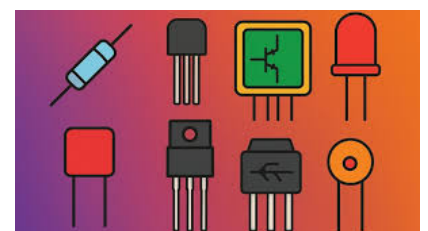
- Symbols, Circuits, and Safety
- Test Instruments
- Printed Circuit Board Construction and Troubleshooting
- Soldering and Desoldering
- Diode Applications and Troubleshooting
- DC Power Supply Operation and Troubleshooting
- Power Sources and Renewable Energy
- Transducer Applications and Troubleshooting
- Bipolar Junction Transistors (BJTs)
- Transistors as Amplifiers
- JFETs, MOSFETs, and IGBTs
- Silicon-Controlled Rectifiers (SCRs)
- Triacs, Diacs, and Unijunction Transistors
- Operational Amplifiers and 555 Timers
- Photonics
- Digital Electronics Fundamentals
- Solid State Relays
- Solid State Technology in Programmable Controllers



## **Learning Outcomes:**

Students will be able to understand, analyze and construct analog and digital circuits, use basic electronics lab equipment such as oscilloscopes, power supplies, signal generators, and more as well as design printed circuit boards, assemble and get them running.

Students will be able to leverage this knowledge to troubleshoot, diagnose, repair, build and produce electronic boards and devices for industry equipment.



# SPRING 2026 COURSE BOOKS:

- NIULPE PREP 1 & 2 – STATIONARY ENGINEERING 5TH EDITION
- PLUMBING I – PLUMBING DESIGN & INSTALLATION 4TH EDITION
- INDUSTRIAL ELECTRIC I – TROUBLESHOOTING ELECTRICAL & ELECTRONIC SYSTEMS 3RD EDITION
- HIGH PRESSURE BOILER – HIGH PRESSURE BOILERS 6TH EDITION
- HVAC I – HVAC & REFRIDGERATION SYSTEMS 1ST EDITION
- SOLID STATE ELECTRONICS – SOLID STATE DEVICES & SYSTEMS 4TH EDITION



AMERICAN TECHNICAL PUBLISHERS

FALL SEMESTER 2025

# **CERTIFICATES CAN TAKE UP TO 3** **BUSINESS DAYS TO RECEIVE!**

\*All class confirmations and certificates will be sent to the E-Mail that you register with. It is recommended not to use work or business emails, as they can be blocked by your facility's spam filter.

If you have lost or deleted your certificate, visit [www.iuoelocal95.org](http://www.iuoelocal95.org) and complete a duplicate certificate request!

IF YOU NEED A DUPLICATE CERTIFICATE ALL REQUESTS MUST BE DONE VIA THE LOCAL 95 WEBSITE. **CHECK YOUR SPAM/JUNK MAIL IF YOU CANNOT LOCATE IT.**

**\*ALL CLASS CANCELLATIONS AND REFUNDS PLEASE SEE FOLLOWING PAGE!!**

CITY LICENSE RENEWAL CLASS CREDITS CAN BE TAKEN **WITHIN 364** DAYS BEFORE YOUR LICENSE EXPIRES!!!! YOU CANNOT TAKE THE SAME CLASS TWICE WITHIN 2 YEARS PER CITY GUIDELINES!



## **REFUND POLICY FOR CLASS CANCELLATIONS:**

**ALL CLASS CANCELLATIONS NEED TO BE DONE VIA THE  
LOCAL 95 WEBSITE AT  
WWW.IUOELOCAL95.ORG**

**NO EXCEPTIONS!!**

**IF YOU PAID FOR A CLASS, CANCELLED VIA THE LOCAL 95  
WEBSITE, AND NEED REFUNDED YOU WILL NEED TO CALL  
412-422-4702 EXT. 112**

**REFUNDS WILL BE ISSUED BY CHECK, THAT WEEK, TO THE  
ADDRESS USED ON YOUR REGISTRATION!**

**PLEASE DO NOT DISPUTE THE CLASS CHARGE THROUGH  
THE WEBSITE. THERE ARE FEES AND IT DELAYS THE  
REFUND PROCESS!**