



**CRITICAL SYSTEMS (AM)**  
**Day: Tuesday**  
**Time: 8:00 am - 11:00 am**  
**Course Sessions: 10**  
**Start Date: 01/08 • End Date: 03/12**

**BOILER OPERATION (PM)**  
Day: Wednesday  
Time: 4:00 pm - 9:00 pm  
Course Sessions: 15  
Start Date: 01/09 • End Date: 04/17

**COMMERCIAL HEATING & COOLING I (AM)**  
**Day: Thursday**  
**Time: 8:00 am - 1:00 pm**  
**Course Sessions: 15**  
**Start Date: 01/10 • End Date: 04/18**

**COMMERCIAL HEATING & COOLING I (PM)**  
**Day: Monday**  
**Time: 4:00 pm - 9:00 pm**  
**Course Sessions: 15**  
**Start Date: 01/07 • End Date: 04/22**

**COMMERCIAL HEATING & COOLING II (PM)**  
**Day: Wednesday**  
**Time: 5:00 pm - 10:00 pm**  
**Course Sessions: 15**  
**Start Date: 01/09 · End Date: 04/17**

**COMMERCIAL HEATING & COOLING II (PM)**  
**Day: Thursday**  
**Time: 5:00 pm - 10:00 pm**  
**Course Sessions: 15**  
**Start Date: 01/10 • End Date: 04/18**



**ELECTRICITY FOR ENGINEERS I (PM)**  
**Day: Monday**  
**Time: 5:00 pm - 10:00 pm**  
**Course Sessions: 15**  
**Start Date: 01/07 · End Date: 04/22**

**ELECTRICITY FOR ENGINEERS I (PM)**  
**Day: Tuesday**  
**Time: 4:00 pm - 9:00 pm**  
**Course Sessions: 15**  
**Start Date: 01/08 • End Date: 04/16**

**ELECTRICITY FOR ENGINEERS I (PM)**  
**Day: Thursday**  
**Time: 4:00 pm - 9:00 pm**  
**Course Sessions: 15**  
**Start Date: 01/10 • End Date: 04/18**

**ELECTRICITY FOR ENGINEERS II (PM)**  
**Day: Monday**  
**Time: 4:00 pm - 9:00 pm**  
**Course Sessions: 15**  
**Start Date: 01/07 • End Date: 04/22**

**ELECTRICITY FOR ENGINEERS II (AM)**  
**Day: Tuesday**  
**Time: 8:30 am - 1:30 pm**  
**Course Sessions: 15**  
**Start Date: 01/08 • End Date: 04/23**

**FACILITIES SUSTAINABILITY (AM)**  
**Day: Thursday**  
**Time: 8:30 am - 1:30 pm**  
**Course Sessions: 15**  
**Start Date: 01/10 • End Date: 04/18**



**INDOOR AIR QUALITY (AM) \*\***  
**Day: Friday**  
**Time: 8:00 am - 1:00 pm**  
**Course Sessions: 15**  
**Start Date: 01/04 • End Date: 04/12**

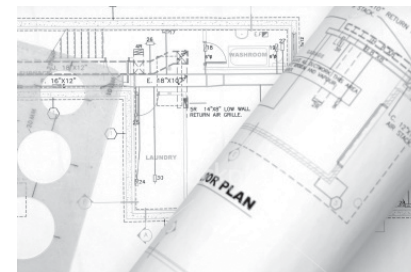


**PLUMBING REPAIR & MAINTENANCE (PM)**  
**Day: Tuesday**  
**Time: 4:00 pm - 8:30 pm**  
**Course Sessions: 10**  
**Start Date: 01/08 · End Date: 03/12**

**PLUMBING REPAIR & MAINTENANCE (PM)**  
**Day: Thursday**  
**Time: 5:00 pm - 9:30 pm**  
**Course Sessions: 10**  
**Start Date: 01/10 · End Date: 03/28**

**PNEUMATIC CONTROLS & DDC (PM)**  
**Day: Wednesday**  
**Time: 5:00 pm - 10:00 pm**  
**Course Sessions: 15**  
**Start Date: 01/09 • End Date: 04/17**

**TESTING AND BALANCING (AM)**  
Day: Thursday  
Time: 9:00 am - 2:00 pm  
Course Sessions: 15  
Start Date: 01/10 • End Date: 04/18



**UNDERSTANDING PLAN DRAWINGS (PM)**  
**Day: Wednesday**  
**Time: 5:00 pm - 8:00 pm**  
**Course Sessions: 10**  
**Start Date: 01/09 • End Date: 03/13**

**UNDERSTANDING PLAN DRAWINGS (PM)**  
**Day: Saturday**  
**Time: 12:00 pm - 3:00 pm**  
**Course Sessions: 10**  
**Start Date: 01/05 • End Date: 03/09**

**BLENDED ONLINE / CLASSROOM COURSES:**

*Please note that all classroom sessions for blended courses are mandatory attendance. Students will be informed of online class dates by instructor.*

**ENERGY CONSERVATION (PM) \*\***  
**Day: Tuesday**  
**Time: 5:00 pm - 10:00 pm**  
**Course Sessions: 12**  
**Start Date: 01/08 • End Date: 03/26**

**INDOOR AIR QUALITY (PM) \*\***  
**Day: Wednesday**  
**Time: 5:00 pm - 10:00 pm**  
**Course Sessions: 12**  
**Start Date: 01/09 · End Date: 03/27**

## GENERAL EDUCATION



### MATH UP

Days: Monday /Tuesday/Wednesday  
Time: 9:00am- 11:00am  
Course Sessions: 6  
Dates: Held December 2018  
12/10, 12/11, 12/12, 12/17, 12/18, 12/19

### MATH 122

Day: Friday  
Time: 5:00 pm - 8:15 pm  
Course Sessions: 15  
Start Date: 01/25 • End Date: 05/17

### PRINCIPLES OF EFFECTIVE SPEAKING \*\* (BLENDED/ONLINE)

Day: Thursday  
Time: 5:00 pm - 9:00 pm  
Course Sessions: 5  
1/24, 2/14, 3/14, 4/25, 5/9

## CERTIFICATE CLASSES



### FIRE ALARM SYSTEMS (AM)

Day: Tuesday  
Time: 11:30 am - 4:00 pm  
Course Sessions: 10  
Start Date: 01/08 • End Date: 03/12

### FIRE ALARM SYSTEMS (PM)

Day: Friday  
Time: 4:00 pm - 8:30 pm  
Course Sessions: 10  
Start Date: 01/11 • End Date: 03/15

### INDUSTRIAL MAINTENANCE (PM)

Day: Monday  
Time: 4:00 pm - 8:30 pm  
Course Sessions: 12  
Start Date: 01/07 • End Date: 04/01

### INDUSTRIAL MAINTENANCE (PM)

Day: Friday  
Time: 4:00 pm - 8:30 pm  
Course Sessions: 12  
Start Date: 01/11 • End Date: 03/29

### INDUSTRIAL MAINTENANCE (AM)

Day: Saturday  
Time: 8:30 am - 1:00 pm  
Course Sessions: 12  
Start Date: 01/05 • End Date: 03/23

### LABOR HISTORY (PM)

Day: Tuesday  
Time: 4:00 pm - 7:00 pm  
Course Sessions: 7  
Start Date: 01/08 • End Date: 02/19

### LABOR HISTORY (AM)

Day: Wednesday  
Time: 9:00 am - 12:00 pm  
Course Sessions: 7  
Start Date: 01/09 • End Date: 02/20



### LOCKSMITH (PM)

Day: Thursday  
Time: 5:00 pm - 8:00 pm  
Course Sessions: 5  
Start Date: 01/10 • End Date: 02/14

### LOCKSMITH (PM)

Day: Thursday  
Time: 5:00 pm - 8:00 pm  
Course Sessions: 5  
Start Date: 02/21 • End Date: 03/28

### LOCKSMITH (AM)

Day: Saturday  
Time: 8:00 am - 11:00 am  
Course Sessions: 5  
Start Date: 01/05 • End Date: 02/09

### LOCKSMITH (AM)

Day: Saturday  
Time: 8:00 am - 11:00 am  
Course Sessions: 5  
Start Date: 02/16 • End Date: 03/23

### MOBILE MAINTENANCE (AM)

Day: Wednesday  
Time: 9:00 am - 1:30 pm  
Course Sessions: 10  
Start Date: 01/09 • End Date: 03/13

### VARIABLE FREQUENCY DRIVE (PM)\*\*

Day: Friday  
Time: 4:00 pm - 7:00 pm  
Course Sessions: 5  
Start Date: 01/11 • End Date: 02/08

### VARIABLE FREQUENCY DRIVE (PM)\*\*

Day: Friday  
Time: 4:00 pm - 7:00 pm  
Course Sessions: 5  
Start Date: 02/15 • End Date: 03/15

### VARIABLE FREQUENCY DRIVE (AM)\*\*

Day: Saturday  
Time: 9:00 am - 12:00 pm  
Course Sessions: 5  
Start Date: 01/12 • End Date: 02/09

### VARIABLE FREQUENCY DRIVE (AM)\*\*

Day: Saturday  
Time: 9:00 am - 12:00 pm  
Course Sessions: 5  
Start Date: 02/16 • End Date: 03/16

**\*\* All classroom sessions are *mandatory* attendance**

Local 399 believes that education is the key to success! Our 2019 Spring schedule is designed to provide students with a diverse curriculum that will challenge the new journeyman/apprentice as well as advance the careers of our Engineers and Chiefs.

Please check the Local 399 website [www.iuoe399.org](http://www.iuoe399.org) for updates on classes, available seminars, certificate availability as well as cancellation or late start alters due to inclement weather.

## STUDENTS PLEASE NOTE:

No Classes will be held on the following dates:

January 21st  
April 19th • April 26th