



INTERNATIONAL UNION OF OPERATING ENGINEERS • AFL-CIO

## **LOCAL 399**

**EDUCATIONAL TRAINING FUND**



Local 399 encourages all of our members to maintain their training as it is an important part of the professionalism and quality of work that Local 399 members bring to the workplace and that keeps your Union strong!

### **TRAINING OPTION #1**

#### **Recommended Classes for Local 399 / Triton College ASSOCIATES / CERTIFICATE PROGRAM**

1. Fourteen (14) FET\* program classes & complete The Facilities Engineering Associates Degree
2. Six (6) Seminars at Local 399
3. Eight (8) Certificate Classes at Local 399

Triton College: Patti Shields (708) 456-0300 Ext. 3768

Triton College Counselor: Hector Zavala (708) 456-0300 Ext. 3363

#### **1. Facility Engineering Technology (FET) Classes**

The Facilities Engineering Technology Degree is designed for students who are enrolled through the International Union of Operating Engineers (IUOE) Local 399 Education Training Fund in order to continue their education and complete the course work needed for an Associates Degree.

- Indoor Air Quality
- Commercial Heating and Cooling Systems I
- Electricity for Facilities Engineers I
- Commercial Heating and Cooling Systems II
- Testing and Balancing
- Pneumatic and Direct Digital Controls
- Plumbing Repair and Maintenance
- Understanding Plan Drawings
- Electricity for Facilities Engineers II
- Basic Boiler Operations
- Energy Conservation
- Facilities Sustainability and Green Technology
- Critical Systems
- Chief Engineer

#### **2. Seminars**

- OSHA 10 General Industry
- Pool Certification from Illinois Department of Public Health
- City of Chicago Boiler License Prep.
- Homeland Security
- EPA 608 Certification CFC (at Local 399)
- For The Chief Engineers Association Generator Certification please call (708) 293-1430

**ADDITIONAL SEMINARS CAN BE FOUND ON OUR WEBSITE: [WWW.IUOE399.ORG](http://WWW.IUOE399.ORG)**

#### **3. Certificate Classes (Local 399)**

- Locksmith Course
- Industrial Maintenance
- Variable Frequency Drives (VFD)
- Labor History
- Healthcare Maintenance
- Commercial Food Service Equipment Repair
- Fire Alarm Systems
- Mobile Maintenance

\* FET = Facility Engineering Technology is an accredited degree program in partnership with Triton College.

**Facilities Engineering Technology A.A.S. Degree**

Semester One	Description	Credit Hours
FET 101	Indoor Air Quality	4
FET 105	Commercial Heating and Cooling I	4
FET 110	Electricity for Facilities Engineers I	4
RHT 101 ◊	Freshman Rhetoric and Composition I	3
		<hr/> 15
Semester Two	Description	Credit Hours
FET 115	Commercial Heating and Cooling Systems II	4
FET 125	Testing and Balancing	4
FET 135	Pneumatic and Direct Digital Controls	4
FET 140	Plumbing Repair and Maintenance	3
MAT 122 ◊	Technical Mathematics	3
		<hr/> 18
Semester Three	Description	Credit Hours
FET 201	Understanding Plan Drawings	2
FET 210	Electricity for Facilities Engineers II	4
FET 215	Basic Boiler Operations	4
FET 220	Energy Conservation	5
SPE 101 ◊	Principles of Effective Speaking	3
		<hr/> 18
Semester Four	Description	Credit Hours
FET 225	Facilities Sustainability and Green Technology	5
FET 230	Critical Systems	2
FET 250	Chief Engineer	2
ELECTIVE ◊	General Education, Humanities, Fine Arts	3
SSC190 ◊	Contemporary Society	3
		<hr/> 15
	<b>Total Credits Required for Graduation</b>	<b>66</b>

**Facilities Engineering Technology Certificate**

Semester One	Description	Credit Hours
FET 101	Indoor Air Quality	4
FET 105	Commercial Heating and Cooling I	4
FET 110	Electricity for Facilities Engineers I	4
FET 115	Commercial Heating and Cooling Systems II	4
		<hr/> 16
Semester Two	Description	Credit Hours
FET 135	Pneumatic and Direct Digital Controls	4
FET 210	Electricity for Facilities Engineers II	4
FET 215	Basic Boiler Operations	4
FET 220	Energy Conservation	5
		<hr/> 17
	<b>Total Credits Required for Completion</b>	<b>33</b>

PLEASE NOTE: Classes listed with the symbol ◊ represent general education classes that are required for completion of the FET Associates Degree. Please be sure to register for these classes at Local 399's Training Facility - 2260 S. Grove Street, Chicago, IL 60616.