Stationary Engineers Apprenticeship School 2016

Registration Information for Fall 2016

Where: Houston Community College Central Campus, 1301 Alabama, Room 103

When: August 2 & 3, 2016

Time: 5:00 p.m. to 7:00 p.m. (please allow time to fill out required forms)

Fees: All tuition fees are due at time of registration. Books may not be issued until payment received.

Costs: First Time Student BOMI Registration Fee: $200

Courses 1, 2, 3, 4 &5 are $700/per. Courses 6, 7 & are $900/per

Course Length: Each semester is 16 weeks long. There are (2) semesters per year

Course #	Course Title	Cost	Schedule	Start Date
Course 1	Boilers, Heating Systems and Applied Mathematics	$700	Tues, 6pm-9pm	Aug 23, 2016
Course 2	Refrigeration Systems and Accessories	$700	Wed, 6pm-9pm	Aug 24, 2016
Course 3	Air Handling, Water Treatment, and Plumbing Systems	$700	Tues, 6pm-9pm	Aug 23, 2016
Course 4	Electrical Systems and Illumination	$700	Thurs, 6pm-9pm	Aug 25, 2016
Course 5	Energy Mgmt. & Controls	$700	Wed, 6pm-9pm	Aug 24, 2016
Course 6	Building Design and Maintenance	$900	Tues, 6pm-9pm	Aug 23, 2016
Course 7	Managing the Organization	$900	Thurs, 6pm-9pm	Aug 25, 2016
Course 8	Environmental Health and Safety Issues	$900	Thurs, 6pm-9pm	Aug 25, 2016

A FEW THINGS TO NOTE:

- Due to current attendance levels, only one course per semester may be taken.
- All Self Pay students Must Pay a minimum of $270 at Signup to cover the cost of their text books and HCC registration.

PLEASE MAKE CHECKS PAYABLE TO:
Stationary Engineers Apprenticeship School (or S.E.A.S.)
TAX ID. # 76-0159722

IF MAILING A PAYMENT, PLEASE SEND TO:
SEAS
P.O. Box 34661
Houston, TX.

FOR MORE INFORMATION, PLEASE CONTACT:
SEAS Training Director
Lloyd R. Blackstock
281-222-0492

Stationary Engineers Apprenticeship School 2016

SMT DESIGNATION INFORMATION

COURSE 1: Boilers, Heating Systems and Applied Mathematics
Principles of mathematics that are essential to the operating building systems are taught. Examine the inner workings of boilers, burners, controls, fittings, valves, and pumps, as well as how they connect and interrelated equipment.

COURSE 2: Refrigeration Systems and Accessories
Maintaining the proper comfort level in an office environment is essential for tenant satisfaction. Refrigeration equipment is a key component of an air conditioning system and must be properly maintained and operated at maximum efficiency. This course covers several types of refrigeration systems.

COURSE 3: Air Handling, Water Treatment, and Plumbing Systems
The fundamentals of human comfort and the components of HVAC systems. Air cleaning devices and indoor air quality concerns are addressed. Water conditioning and treatment, along with plumbing systems, are discussed in the light of present and emerging technology. Fire protection and alarm systems complete the diverse systems reviewed here.

COURSE 4: Electrical Systems and Illumination
Safely operate and maintain a building's electrical equipment, thoroughly understand the components of electrical systems and how to measure the electrical consumption of your building. How to maintain electric motors and light fixtures.

COURSE 5: Energy Mgmt. & Controls
This course will provide a working knowledge of the controls and energy management systems used in typical applications. Developing energy teams to evaluate and monitor energy usage. Preventive Maintenance programs to enhance your properties value and tenant satisfaction.

SMA DESIGNATION INFORMATION

COURSE 6: Building Design and Maintenance
If you are involved in the repair and replacement of structural items such as floors, ceilings, interior walls, and windows, you need a basic understanding of building design, materials, codes, and structural systems and finishes. You need to be familiar with maintenance procedures and equipment, grounds maintenance, and preventive maintenance.

COURSE 7: Managing the Organization
Focus on leadership skills, oral communication techniques and motivational team-building strategies. Students learn about planning, organizing, scheduling, delegating, budgeting and documenting. This course will help students develop skills in the following areas. Prioritization, Needs analysis, Resource Development, Resource Management and Time Management.

COURSE 8: Environmental Health and Safety Issues
Manage buildings more effectively and to understand and comply with an ever-increasing number of regulations. This course will give an overview of the issues involved with government regulations covering indoor air quality, Asbestos, Hazard communication, Hazardous waste, water pollution control, EPA and OSHA Regulations