

2018 TRAINING SCHEDULE

NAPEEF EDUCATIONAL FOUNDATION



SPRING CLASSES START: 01/09/18

ADMINISTRATIVE OFFICES:

5707 SEMINARY ROAD • SUITE 200 • FALLS CHURCH, VIRGINIA 22041

TEL: 703.845.7055 FAX: 703.845.7059

Register online @ www.napeef.org

2018 Schedule of Courses

Complete descriptions and requirements for all courses are in the catalog — available at the office and online at www.napeef.org.

Electrical

Monday	Tuesday	Wednesday	Thursday	Friday
Principles of Electricity 30 hr - Books-\$80 • Tax-\$4.80 • Member-\$497.38 • Total \$582.18 • Non-Member-\$616.38 • Total \$701.18				
			02/15 Harchick Th 10 wks 5:30 18S033-FC	
			02/22 Lopez Th 10 wks 5:30 18S010-DC	
		03/14 Hughes We 10 wks 5:00 18S016-FC		
			03/29 McRunnel Th 10 wks 5:30 18S026-FC	
	4/17 Ayensu Tu 10 Wks 5:00 18S057-GR			
4/23 Ayala M & Th 5 Wks 5:30 18S056-FC		4/23 Ayala M & Th 5 Wks 5:30 18S056-FC		
Electrical Systems Code & Theory 56 hr - Books-\$319 • Tax-\$19.14 • Member-\$780.00 • Total \$1118.14 • Non-Member-\$901 • Total \$1239.14				
		02/28 McRunnel We 16 wks 5:30 18S051-FC		
Schematics 30 hr - Books-\$117 • Tax-\$7.02 • Member-\$552.56 • Total \$676.58 • Non-Member-\$673.56 • Total \$797.58				
		02/28 Bruning We 10 wks 5:00 18S027-GA	03/22 Ayala Th 10 wks 5:30 18S036-FC	
Electric Motors 30 hr - Books-\$82 • Tax-\$4.92 • Member-\$600.08 • Total \$687 • Non-Member-\$723.08 • Total \$810				
		02/07 Ayala We 10 wks 5:30 18S023-FC		

Air Conditioning

Air Conditioning I* 57 hr - Lab Fee-\$50 • Books-\$130 • Tax-\$7.80 • Member-\$828.86 • Total \$1016.66 • Non-Member-\$960.86 • Total \$1148.66				
	02/06 Kincaid Tu 16 wks 5:00 18S001-FC			
			02/15 Trotman Th 16 wks 5:00 18S028-FC	
03/05 Granados M&Th 10 wks 5:00 18S031-FC			03/05 Granados M&Th 10 wks 5:00 18S031-FC	
Air Conditioning II* 57 hr - Lab Fee-\$70 • Books-\$130 • Tax-\$7.80 • Member-\$958.86 • Total \$1166.66 • Non-Member-\$1095.86 • Total \$1303.66				
02/05 Cassidy M&Th 10 wks 5:00 18S019-FC			02/05 Cassidy M&Th 10 wks 5:00 18S019-FC	
05/21 Ayensu M&Th 10 wks 5:00 18S022-GR			05/21 Ayensu M&Th 10 wks 5:00 18S022-GR	
06/11 Cassidy M&Th 10 wks 5:00 18S054-FC			06/11 Cassidy M&Th 10 wks 5:00 18S054-FC	
Air Conditioning III 56 hr - Books-\$130 • Tax-\$7.80 • Member-\$902.86 • Total \$1040.66 • Non-Member-\$1037.86 • Total \$1175.66				
			02/08 Cook Th 16 wks 5:00 18S003-FC	
Heat Pumps 56 hr - Materials-\$50 • Books-\$158 • Tax-\$9.48 • Member-\$847.52 • Total \$1065 • Non-Member-\$980.52 • Total \$1198				
04/02 Villalobos M&W 10 wks 5:00 18S017-FC	02/06 Herrera Tu 16 wks 5:00 18S005-FC	04/02 Villalobos M&W 10 wks 5:00 18S017-FC		
Refrigeration 56 hr - Books-\$175 • Tax-\$10.50 • Member-\$858.90 • Total \$1044.40 • Non-Member-\$991.90 • Total \$1177.40				
	02/06 Perdue Tu 16 wks 5:00 18S013-FC			

* AC Labs — All AC I and AC II Students are required to attend lab sessions in order to pass the courses and receive their certificates. Please note: most labs are held on designated Saturdays during the day.

Boilers

Monday	Tuesday	Wednesday	Thursday	Friday
Low Pressure Boilers 57 hr - Books-\$82 • Tax-\$4.92 • Member-\$692.08 • Total \$779 • Non-Member-\$798.08 • Total \$885				
		02/07 Perry	We 16 wks	4:30 18S008-FC
		02/07 Cerritos	We 16 wks	5:00 18S030-GA
	02/20 Cerritos	Tu 16 wks	5:00 18S024-DC	
04/23 Cerritos	M&Th 10 wks	5:00 18S025-FC		04/23 Cerritos
05/21 Calobong	M&Th 10 wks	5:00 18S032-FC		05/21 Calobong
High Pressure Boilers 60 hr - Books-\$201 • Tax-\$12.06 • Member-\$1063 • Total \$1276.06 • Non-Member-\$1200 • Total \$1413.06				
	02/06 Rudolph	Tu 20 wks	5:00 18S006-FC	02/07 Colvin
				We 20 wks
				5:00 18S038-GR

Controls

Controls I - Basic 56 hr - Books-\$175 • Tax-\$10.50 • Member-\$1063 • Total \$1248.50 • Non-Member-\$1200 • Total \$1385.50				
	02/06 Cook	Tu 16 wks	4:00 18S004-FC	

Entry Level

Introduction to Engineering 30 hr - Books-\$24 • Tax-\$1.44 • Member-\$484.56 • Total \$510 • Non-Member-\$602.56 • Total \$ 628				
03/12 Perry	Mo 10 wks	4:30 18S049-FC		
Plant Equipment & Operations 30 hr - Books-\$ • Tax-\$ • Member-\$ • Total \$ • Non-Member-\$ • Total \$				
Numbers for Engineers 101 18 hr - Member-\$FREE • Non-Member-\$350.00				

License and Exam Preparation

MD 3rd License Prep Course 56 hr - Books-\$269 • Tax-\$16.14 • Member-\$736.28 • Total \$1021.42 • Non-Member-\$866.28 • Total \$1151.42				
			02/08 Risley	Th 16 wks
			5:00 18S014-GA	
LEED-GA Exam Preparation 16 hr - Tuition \$368 • Material \$110 • Total \$478				
	04/03 Ferrara	Tu 4 wks	1:00 18S048-FC	
VA Journeyman & Master Mechanical 45 hrs - Books \$232 • Tax \$13.92 • Member \$697.28 • Total \$943.20 • Non-Member \$823.28 • Total \$1069.20				
			03/22 Perdue	Th 15 wks
			5:00 18S037-FC	
Air Flow Diagnostics Seminar 7.5 hrs - Tuition \$429 • Total \$429				
	03/20 Williams	Tu 1 day	7:30 18S043-FC	

Location Legend: FC = Falls Church GA = Gaithersburg DC = Washington, DC GR=Greenbelt

M&W = Monday and Wednesday T&Th = Tuesday and Thursday M&Th = Monday and Thursday T&F = Tuesday and Friday

Visit www.napeef.org to Register for Courses!

Management

Monday	Tuesday	Wednesday	Thursday	Friday
The Managing Engineer 45 hr - Member-\$1256 • Total \$1256 • Non-Member-\$1389 • Total \$1389				
02/26 Beach	Mo 15 wks 18S015-FC			

Miscellaneous

Blueprint Reading 30 hr - Books-\$81 • Tax-\$4.86 • Member-\$658.14 • Total \$744 • Non-Member-\$738.14 • Total \$824				
03/26 McRunnel	Mo 10 wks 18S020-FC			

Seminars

CFC SEMINARS AND TEST - FALLS CHURCH

Format: Seminar for four sessions. Test is on the last session.

Dates for the CFC Seminars:

18S050-FC	Fri. Mar 23	- 5:00 to 8:00pm	Herrera
18S042-FC	Fri. May 4	- 5:00 to 8:00pm	Cook
18S000-FC	Fri, TBD	- 5:00 to 8:00 pm	TBD
Member: \$418.51, Books \$16.50, Tax \$0.99 Total \$436 (Test included)			
Non-Member: \$468.51, Books \$16.50, Tax \$0.99 Total \$486 (Test included)			

In this EPA approved program, topics will include CFC containment methods, legal requirements, existing and new refrigerants, and basic understanding of the refrigeration cycle and system components.

CFC TEST/RETEST ONLY

NAPEEF is a certifying organization for the EPA Technician Certification exam in accordance with Section 608 of the Clean Air Act.

Dates: Test sessions on the following dates at 2:00pm:
Friday, Jan 26; Mar 9; May 4.

No PO#'s accepted for payment. Pre-registration is preferred, but same day registration no later than 1:00pm is allowed.

Fee: 1st Test \$90, Retest \$70 (if last test taken within three months)

Others

NIULPE TESTS:

Donnie Peters 703-501-6588

VA Tradesmen Continuing Education:

Les Stadig 703-339-1375

OSHA

Office 703-845-7055

R410-A AND NEW REFRIGERANTS SEMINAR

Prerequisites: AC I or 2 years experience and CFC Universal. This seminar will cover characteristics (pressures, etc.) of 410-A; evacuation requirements; servicing; installation; disposal; safety; cylinders, etc. The seminar is an exam preparation for NAPE's 410-A Certification test, which is administered at the end of the seminar.

18S041-FC	Sat. Mar 17	8:00am - 2:00pm	Herrera
18S035-FC	Sat. May 5	8:00am - 2:00pm	Villalobos

Tuition: \$300

HVAC PREVENTIVE MAINTENANCE SEMINAR

Prerequisites: Completion of AC II or be currently enrolled in AC II. This hands-on seminar is designed for HVAC technicians working in a building or on a service truck. Participants will fill out a check list (sample provided) for the customer or to remain at the property with system information and readings. Topics covered include mechanical, airflow, refrigerant, and electrical components. Upon completion attendees will be able to perform a first-rate HVAC PM and provide customers with confirmation of their equipment status, keeping operating costs low and minimizing expensive repairs.

18S046-FC	Sat. Mar 10	8:00am - 2:00pm	Herrera
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Tuition \$379

AC "HANDS-ON" TROUBLESHOOTING TIPS AND TECHNIQUES

This seminar will begin with a review of the basic air conditioning components and their effect on superheat, sub-cooling, and the operation of the air conditioning unit. Each component and its operation will be explored, including the potential causes and failure or malfunction. Alternating with classroom instruction, participants will work in the on-site AC Lab, providing an opportunity to apply their new knowledge and skills. This seminar is designed to enhance the troubleshooting skills to save time and money when AC unit is not operating at full capacity. This workshop will be strictly limited to 16 participants to ensure the quality of the hands-on training. Participants must have completed and/or be currently enrolled in AC I.

18S047-FC	Sat. May 12	8:00am-4:30pm	Herrera
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Tuition \$500

Important Dates for 2018

Thursday, Nov. 9, 2017:	Registration Date
Tuesday, Jan. 9, 2018:	Beginning of Classes
Friday, May 18, 2018:	Deadline for submitting applications for General Certificates

School is closed on the following days:

President's Day, Mon. Feb. 19th

Memorial Day, Mon. May 28th

Independence Day, Wed. July 4th

Classes will be held on all other days.

HVAC ELECTRICAL TROUBLESHOOTING SEMINAR

Prerequisites: Completion of AC I or be currently enrolled in AC I. This hands-on seminar will enable students to understand the wiring in a basic air conditioning/heating system. Participants will develop their own wiring diagram and then convert it into a ladder diagram. Upon completion students will wire up the components on a simulator board, including relays, contactors, condenser and evaporator fan motors, compressor, and safety switches.

18S000-FC	Sat. TBD	8:00am - 2:00pm	Herrera
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Tuition \$349

Class Locations: VA; MD; DC

Falls Church, VA (FC): Classes are held at 5707 Seminary Road, Falls Church, Virginia, 22041.

Gaithersburg, MD (GA): Montgomery County Airpark 18918 & 20 Premiere Court Gaithersburg, MD 20879.

Greenbelt, MD (GR): Classes are held at the Hanover Office Park located at 7213 Hanover Parkway, Greenbelt, Maryland 20770.

Washington, DC, NW (DC/NW): Classes are held at the National Geographic Society Building, which is located at 1145 17th Street, NW, 20036.

Free garage parking off M Street (near 16th) available after 4:30pm.