Title:	HVAC Level 1							
Edition:	4th Edition							
Pub Date:	2013							
Prerequisite:	Core Curriculum							
Previous Edition Exp. Date:	2018							
Book Module #	Old Mod ID #	New Mod ID #	Equivalent Registry Module(s)	Performance Test	Current Hours	New Hours	Mod Name	Comments
					72.5	72.5	Core	
1	03101-07	03101-13	03101-07	No	7.5	7.5	Intro to HVAC	Added LEED construction and energy management.
2	03102-07	03102-13	03102-07	No	10	10	Trade Mathematics	Applied all math skills to applied work practices
3	03106-07	03106-13	03106-07	Yes	12.5	12.5	Basic Electricity	
4	03108-07	03108-13	03108-07	Yes	15	15	Intro to Heating	
5	03107-07	03107-13	03107-07	Yes	30	30	Intro to Cooling	
6	03109-07	03109-13	03109-07	Yes	10	15	Intro to Air Distribution Systems	
7	03103-07	03103-13	03103-07	Yes	7.5	10	Basic Copper and Plastic Piping Practices	
8	03104-07	03104-13	03104-07	Yes	10	10	Soldering and Brazing	
9	03105-07	03105-13	03105-07	Yes	5	10	Basic Carbon Steel Piping Practices	Formerly named Ferrous Metal Piping Practices.
					Total Hours	192.5		

Color Highlight Legend

= Lock-Down Module	= No Performance Test
= New Module	= Equivalent Module
	= Deleted
	= Equipment Specific Credential

Definitions:

Lock-Down Module: A module adopted 'as is' from another craft or an earlier edition of the same curriculum

Equivalent Module: A module whose learning and performance outcomes match those of the newer edition's and is therefore considered 'equivalent' in NCCER's Registry

Title:	HVAC Level 2							
Edition:	4th Edition							
Pub Date:	2013							
Previous Edition Exp. Date:	2018							
Book Module #	Old Mod ID #	New Mod ID #	Equivalent Registry Module(s)	Performance Test	Current Hours	New Hours	Mod Name	Comments
1	03206-07	03206-13	03206-07	Yes	7.5	10	Alternating Current	
2	03302-08	03302-13	03302-08	Yes	15	12.5	Compressors	Moved from Level 3
3	03301-08	03301-13	03301-08	Yes	10	12.5	Refrigerants and Oils	Moved from Level 3
4	03205-07	03205-13	None	Yes	20	30	Leak Detection, Evacuation, Recovery and Charging	Added information to align to EPA Section 608 Type I and Type II Technician Certification test
5	03303-08	03303-13	03303-08	Yes	7.5	12.5	Metering Devices	Moved from Level 3
6	03211-07	03211-13	03211-07	Yes	20	20	Heat Pumps	
7	New	03215-13	None	Yes		20	Basic Maintenance	
8	03202-07	03202-13	03202-07	No	5	5	Chimneys, Vents, Flues	
9	03213-07	03213-13	03213-07	No	5	10	Sheet Metal Duct Systems	
10	03214-07	03214-13	03214-07	No	5	7.5	Fiberglass and Flexible Duct Systems	
11	03201-07	03201-13	03201-07	No	12.5	12.5	Commercial Airside Systems	
12	03204-07	03204-13	03204-07	No	5	5	Air Quality Equipment	
13	03203-07	03203-13	03203-07	No	10	12.5	Introduction to Hydronic Systems	
DELETED	03207-08			Yes	5		Basic Electronics	
					Total Hours	170		

Color Highlight Legend

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	= Deleted
	= Equipment Specific Credential

Definitions:

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Equivalent Module: A module whose learning and performance outcomes match those of the newer edition's and is therefore considered 'equivalent' in NCCER's Registry

Title:	HVAC Level 3							
Edition:	4							
Pub Date:	2013							
Previous Edition Exp. Date:	2018							
Book Module #	Old Mod ID #	New Mod ID #	Equivalent Registry Module(s)	Performance Test	Current Hours	New Hours	Mod Name	Comments
1	03212-07	03313-13	None	Yes		10	Fasteners, Hardware, and Wiring Terminations	Contains some parts of 03212-07
2	03208-07	03314-13	None	Yes	30	30	Control Circuit and Motor Troubleshooting	Added disposal of mercury thermostats, frequency drives, VFDs; Was titled *Control Circuit Troubleshooting*
3	03210-07	03210-13	03210-08	Yes	20	20	Troubleshooting Cooling	Moved from Level 2
4	03311-08	03311-13	03311-08	Yes	12.5	12.5	Troubleshooting Heat Pumps	
5	03209-07	03209-13	03209-07	Yes	12.5	12.5	Troubleshooting Gas Heating	
6	03310-08	03310-13	03310-08	Yes	10	12.5	Troubleshooting Oil Heating	Oil from 03307, combustion analysis
7	03312-08	03312-13	03312-13	Yes	10	7.5	Troubleshooting Accessories	
8	NEW	03315-13	None	Yes		12.5	Zoning, Ductless, and Variable Refrigerant Flow Systems	
9	03305-08	03305-13	03305-08	Yes	12.5	10	Commercial Hydronic Systems	Contains commercial boilers and chilled water extracted from Hydronic Heating and Cooling Systems
10	03306-08	03306-13	03306-08	Yes	10	10	Steam Systems	Steam topics extracted from Hydronic Heating and Cooling Systems
11	03304-08	03304-13	03304-14	Yes	20	15	Retail Refrigeration Systems	
12	NEW	03316-13	None	Yes		5	Customer Relations	
DELETED	03307-08			Yes	20		Planned Maintenance	
DELETED	03309-08			Yes	7.5		Troubleshooting Electronic Controls	
				Total Hours	165	157.5		

Color Highlight Legend

	= Lock-Down Module		= No Performance Test
	= New Module		= Equivalent Module
			= Deleted
			= Equipment Specific Credential

Title:	HVAC Level 4							
Edition:	4th Edition							
Pub Date:	2013							
Previous Edition Exp. Date:	2018							
Book Module #	Old Mod ID #	New Mod ID #	Equivalent Registry Module(s)	Performance Test	Current Hours	New Hours	Mod Name	Comments
1	03308-08	03308-13	03308-08	Yes	10	10	Water Treatment	moved from level 3
2	03403-09	03403-13	03403-09	Yes	15	12.5	Indoor Air Quality	
3	03404-09	03404-13	03404-09	No	10	7.5	Energy Conservation Equipment	
4	03405-09	03405-13	03405-09	Yes	17.5	12.5	Building Managament Systems	
5	03402-09	03402-13	03402-09	Yes	20	15	System Air Balancing	
6	03406-09	03406-13	03406-09	Yes	22.5	15	System Startup and Shutdown	
7	03401-09	03401-13	03401-09	Yes	25	12.5	Construction Drawings and Specifications	
8	03407-09	03407-13	03407-09	Yes	25	22.5	Heating and Cooling System Design	
9	03408-09	03408-13	03408-09	Yes	22.5	20	Commercial/Industrial Refrigeration Systems	
10	03409-09	03409-13	03409-09	No	10	7.5	Alternative and Specialized Heating and Cooling Systems	
11		46101-11	None	Yes	15	20	Fundamentals of Crew Leadership	
DELETED	03410-08			No	12.5		Introduction to Supervisory Skills	
				Total Hours	205	155		

Color Highlight Legend

(yellow)	= Lock-Down Module	(red)	= No Performance Test
(green)	= New Module	(blue)	= Equivalent Module
		(gray)	= Deleted
		(orange)	= Equipment Specific Credential