

Title:	HVAC, Level 1
Edition:	5
Publication Date:	2018
Additional Instructor Requirement(s):	None
Prerequisite(s):	Core
Previous Edition Expiration Date:	www.nccer.org/expirations



Book Module Number	Module Name	4 th Edition Mod ID #	5 th Edition Mod ID #	5 th Edition Hours	4 th Edition Hours	Equivalent Registry Module(s)	Performance Profile	Comments
				77.5	72.5			• Core, 6 th edition
1	Introduction to HVAC	03101-13	03101	7.5	7.5	03101-13	No	
2	Trade Mathematics	03102-13	03102	10	10	03102-13	No	
3	Basic Electricity	03106-13	03106	12.5	12.5	03106-13	Yes	
4	Introduction to Heating	03108-13	03108	15	15	03108-13	Yes	
5	Introduction to Cooling	03107-13	03107	30	30	03107-13	Yes	
6	Air Distribution Systems	03109-13	03109	15	15	03109-13	Yes	
7	Basic Copper and Plastic Piping Practices	03103-13	03103	10	10	03103-13	Yes	
8	Soldering and Brazing	03104-13	03104	10	10	03104-13	Yes	
9	Basic Carbon Steel Piping Practices	03105-13	03105	10	10	03105-13	Yes	
			Total	197.5	192.5			

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 editions and is therefore considered 'equivalent' in NCCER's Registry.

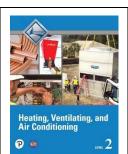
Hours

Interim Credential: A module, or group of modules, whose learning and performance outcomes demonstrates competence of specific components in an occupational area and results in a unique credential in the Registry.

Color Highlight Legend:

= No Performance Test
= Lock-Down Module

= Equivalent Module



	Title:	HVAC, Level 2
	Edition:	5
	Publication Date:	2018
	Additional Instructor Requirement(s):	None
	Prerequisite(s):	None
	Previous Edition Expiration Date:	www.nccer.org/expirations



Book Module Number	Module Name	4 th Edition Mod ID #	5 th Edition Mod ID #	5 th Edition Hours	4 th Edition Hours	Equivalent Registry Module(s)	Performance Profile	Comments
1	Alternating Current	03206-13	03206	10	10	03206-13	Yes	
2	Compressors	03302-13	03302	12.5	12.5	03302-13	Yes	
3	Refrigerants and Oils	03301-13	03301	15	12.5	03301-13	Yes	New coverage of HC and HFO refrigerants and R290 (propane)
4	Leak Detection, Evacuation, Recovery and Charging	03205-13	03205	30	30	03205-13	Yes	Covers EPA Section 608 regulations
5	Metering Devices	03303-13	03303	12.5	12.5	03303-13	Yes	
6	Heat Pumps	03211-13	03211	20	20	03211-13	Yes	
7	Basic Maintenance	03215-13	03215	20	20	03215-13	No	
8	Chimneys, Vents, and Flues	03202-13	03202	5	5	03202-13	No	
9	Sheet Metal Duct Systems	03213-13	03213	10	10	03213-13	No	
10	Fiberglass and Fabric Duct Systems	03214-13	03214	7.5	7.5	03214-13	No	
11	Commercial Airside Systems	03201-13	03201	12.5	12.5	03201-13	No	
12	Air Quality Equipment	03204-13	03204	5	5	03204-13	No	
13	Introduction to Hydronic Systems	03203-13	03203	15	12.5	03203-13	Yes	
			Total	175	170			

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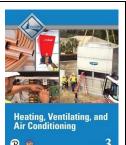
Hours

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= Equivalent Module



Title:	HVAC, Level 3
Edition:	5
Publication Date:	2018
Additional Instructor Requirement(s):	None
Prerequisite(s):	None
Previous Edition Expiration Date:	www.nccer.org/expirations



Book Module Number	Module Name	4 th Edition Mod ID #	5 th Edition Mod ID #	5 th Edition Hours	4 th Edition Hours	Equivalent Registry Module(s)	Performance Profile	Comments
1	Fasteners, Hardware, and Wiring Terminations	03313-13	03313	10	10	03313-13	Yes	
2	Control Circuit and Motor Troubleshooting	03314-13	03314	30	30	03314-13	Yes	
3	Troubleshooting Cooling	03210-13	03210	20	20	03210-13	Yes	
4	Troubleshooting Heat Pumps	03311-13	03311	12.5	12.5	03311-13	Yes	
5	Troubleshooting Gas Heating	03209-13	03209	12.5	12.5	03209-13	Yes	
6	Troubleshooting Oil Heating	03310-13	03310	15	10	03310-13	Yes	
7	Troubleshooting Accessories	03312-13	03312	10	10	03312-13	Yes	
8	Zoning, Ductless, and Variable Refrigerant Flow Systems	03315-13	03315	15	12.5	03315-13	Yes	
9	Commercial Hydronic Systems	03305-13	03305	12.5	10	03305-13	Yes	
10	Steam Systems	03306-13	03306	10	10	03306-13	Yes	
11	Retail Refrigeration Systems	03304-13	03304	15	15	03304-13	Yes	
12	Customer Relations	03316-13	03316	5	5	03316-13	Yes	
			Total	167.5	157.5			

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Hours

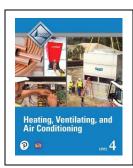
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Title:	HVAC, Level 4
Edition:	5
Publication Date:	2018
Additional Instructor Requirement(s):	None
Prerequisite(s):	None
Previous Edition Expiration Date:	www.nccer.org/expirations



Book Module Number	Module Name	4 th Edition Mod ID #	5 th Edition Mod ID #	5 th Edition Hours	4 th Edition Hours	Equivalent Registry Module(s)	Performance Profile	Comments
1	Water Treatment	03308-13	03308	10	10	03308-13	Yes	
2	Indoor Air Quality	03403-13	03403	12.5	12.5	03403-13	Yes	
3	Energy Conservation Equipment	03404-13	03404	7.5	7.5	03404-13	No	
4	Building Management Systems	03405-13	03405	12.5	12.5	03405-13	Yes	
5	System Air Balancing	03402-13	03402	15	15	03402-13	Yes	
6	System Startup and Shutdown	03406-13	03406	15	15	03406-13	Yes	
7	Construction Drawings and Specifications	03401-13	03401	12.5	12.5	03401-13	Yes	
8	Heating and Cooling System Design	03407-13	03407	22.5	22.5	03407-13	Yes	
9	Commercial/ Industrial Refrigeration Systems	03408-13	03408	20	20	03408-13	Yes	
10	Alternative and Specialized Heating and Cooling Systems	03409-13	03409	7.5	7.5	03409-13	No	
11	Fundamentals of Crew Leadership	46101-11	46101	22.5	20	46101-11 46101-17	Yes	
			Total	157.5	155			

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