



Title:	HVACR Level 1
Edition:	6
Publication Date:	2022
Additional Instructor Requirement(s):	None
Prerequisite(s):	Core
Previous Edition Expiration Date:	www.nccer.org/expirations



Book Module Number	Module Name	5 th Edition Mod ID #	6 th Edition Mod ID #	6 th Edition Hours	5 th Edition Hours	Equivalent Registry Module(s)	Performance Profile	Comments
---	Core	---	---	77.5	72.5	---	---	• Core, 6 th Edition
1	Introduction to HVACR	03101	03101	5	7.5	03101 (5E)	No	<ul style="list-style-type: none"> • <i>New Design</i> • Added features including the introduction of the Laws of Thermodynamics • Updated content referencing Licensing and Certification
2	Trade Mathematics	03102	03102	10	10	03102 (5E)	No	<ul style="list-style-type: none"> • <i>New Design</i>
3	Basic Electricity	03106	03106	15	12.5	03106 (5E)	Yes	<ul style="list-style-type: none"> • <i>New Design</i> • Updated Performance Tasks • Enhanced coverage of Electrical Safety and required PPE
4	Introduction to Heating	03108	03108	15	15	03108 (5E)	Yes	<ul style="list-style-type: none"> • <i>New Design</i> • Added Performance Task • Included Temperature Measurement Calculations
5	Introduction to Cooling	03107	03107	30	30	03107 (5E)	Yes	<ul style="list-style-type: none"> • <i>New Design</i> • Added coverage of temperature switches • Removed coverage of crankcase heaters, humidistats, condenser water valves, evaporator-pressure regulators, and pressure-relief devices
6	Air Distribution Systems	03109	03109	15	15	03109 (5E)	Yes	<ul style="list-style-type: none"> • <i>New Design</i>
7	Basic Copper and Plastic Piping Practices	03103	03103	12.5	10	03103 (5E)	Yes	<ul style="list-style-type: none"> • <i>New Design</i> • Updated Performance Tasks • Covered push-to-connect and press-to-connect fittings • Removed coverage of swaging • Added coverage of pressure testing refrigerant lines • Included PEX tubing
8	Soldering and Brazing	03104	03104	10	10	03104 (5E)	Yes	<ul style="list-style-type: none"> • <i>New Design</i>
9	Basic Carbon Steel Piping Practices	03105	03105	10	10	03105 (5E)	Yes	<ul style="list-style-type: none"> • <i>New Design</i> • Enhanced coverage of pipe dies
			Total Hours	200				

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 editions and is therefore considered ‘equivalent’ in NCCER’s Registry.

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
- = Deleted