

Diploma in Heating, Ventilation & Air Conditioning Technology DP-HVAC

PROGRAMME OVERVIEW

The course requires that persons be working in the field continuously for a minimum of five (5) years or possess a relevant associate or higher degree. Graduates will be eligible to receive an industry-recognised certificate in Heating, Ventilation & Air Conditioning (HVAC) from the National Centre for Construction Education and Research (NCCER) and also meet the Bermuda National Training Board standard and receive a Bermuda College Diploma in Heating, Ventilation & Air Conditioning (HVAC) Technology.

Prerequisite: NCCER Core (8CR)

(Please see NCCER Courses on pg. 104.)

CURRICULUM

TOTAL CREDITS: 36

YEAR 1

First Semester - 5 credits

HVA 1101	Fundamentals of Heating and Cooling	5
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Second Semester - 10 credits

HVA 1102	Mechanical Maintenance	3
HVA 1103	HVAC Controls	3
HVA 1104	Refrigeration System Service	4

YEAR 2

First Semester - 10 credits

HVA 1105	Senior Student Project I	2
HVA 1106	Troubleshooting Heating	3
HVA 2107	Troubleshooting Cooling	3
HVA 2108	Hydronics	2

Second Semester - 11 credits

HVA 2109	Senior Student Project II	2
HVA 2110	System Performance	3
HVA 2111	Energy Management	3
HVA 2112	System Design	3