

Diploma in Motor Vehicle Technology DP-MVTEC

PROGRAMME OVERVIEW

This programme has been developed by the Bermuda College to provide persons working in the automotive industry the opportunity to receive technical training. The course requires that persons be working in the field for a minimum of five (5) years or possess a relevant associate degree or higher. Persons will be required to attend classes according to the time table and return to work after classes are completed; the modules are scheduled in the Bermuda College catalogue.

The curriculum is designed to meet industry standards with the intent that students sit the City & Guilds international certification. This Programme is modularised and takes two years to complete. Students will experience lectures, practical assignment and self-directed activities as they progress through the modules, working with the lecturer and being evaluated on a skills basis. Upon completion of the course, students will receive a Bermuda College Diploma in Motor Vehicle Technology.

Prerequisite: NCCER Core (8CR)

(Please see NCCER Courses on pg. 104.)

CURRICULUM

TOTAL CREDITS: 21

YEAR 1

First Semester - 9 credits

MVT 1104	Electrical Systems	3
MVT 1105	Battery/Charging Systems	3
MVT 1106	Starting Systems	3

Second Semester - 6 credits

MVT 1101	Ignition Systems	2
MVT 1102	Fuel/Exhaust Systems	2
MVT 1103	Exhaust Emissions Systems	2

YEAR 2

First Semester - 3 credits

MVT 2107	Braking Systems	1
MVT 2108	Hydraulic Brake Systems	1
MVT 2109	Anti-Lock Brake Systems	1

Second Semester - 3 credits

MVT 2110	Steering Systems	1
MVT 2111	Power Steering Systems	1
MVT 2112	Suspension Systems	1