

TECHNICAL ENGINEER DIPLOMA IN AUTOMOTIVE ENGINEERING

MODULE OBJECTIVES

Elective Modules

Training Company

On completion of the module, students should be able to apply the knowledge and skills in role playing an automotive servicing company.

Automotive Assessing

On completion of the module, students should be able to apply the applications of the basic principles of insurance, general principles of automotive assessing and vehicle theft/attempted theft claims. It also provides students with the knowledge and skills to identify repair methods for plastics on vehicles, defects for refinishing on vehicles, and perform costing, estimating and motor insurance administration and claims.

Pedagogy

On completion of the module, students should be able to apply the skills and knowledge to conduct lessons and coaching sessions, plan training and assessment schedule, develop an assessment checklist, and assess the performance of trainees.

Conversational German

On completion of the module, students should be able to apply the knowledge and skills to converse in German by covering German phonetics and phonology, grammatical rules, cultural appreciation, and daily phrases.

Lean Manufacturing

On completion of the module, students should be able to apply the applications of various quality assurance systems such as Kanban, Kaizen, Total Quality Management, Six Sigma and others in managing and controlling quality in manufacturing.

On-the-Job Training

On completion of this module, students should be able to deepen their skills and knowledge acquired in ITE, and to develop their competencies in other specialised areas that may be unique to their attachment companies.