



Level - 4

Technician Diploma in Electrical and Electronic Engineering

All these assessments are provided by [City & Guilds](#) to use as a qualification. The duration of this level was approximately one year, consisting of two semesters, each lasting six months. The cost for one year is around **4,500,000 MMK**, including registration fees, exam fees, & semester fees.

To achieve the Level 4 Technician Diploma in Mechanical Engineering learners must achieve all **two mandatory units** and a minimum of **nine** optional units.

Unit	Title	Assessments
401	Engineering Mathematics	Written Paper
402	Principles of Electrical and Electronic Engineering	Written Paper
403	Quality assurance and control	Written Paper
404	Human factors in the work place	Written Paper
405	Engineering Planning and Scheduling	Assignment
406	Statistical analysis for engineers	Written Paper
407	Computer Aided design for manufacture	Assignment
408	Data Communication and Networks	Assignment
409	Principles and Operation of Electrical Machines	Written Paper
418	Maintenance of engineering systems and equipment	Assignment
419	Engineering Design	Assignment



421	Planning and implementing change within business	Assignment
422	Personal and professional development	Assignment
423	Managing information and knowledge	Assignment
424	Engineering Procurement	Assignment
425	Principles of composite materials	Written Paper
426	Principles of composites manufacture	Written Paper
427	Developing business improvement plans	Assignment
410	Using Electrical Protection Techniques for Engineering Operations	Assignment
411	Electrical Services and Installations	Assignment
412	Electrical Supply and distribution	Written Paper
413	Tasting in measurement of Electronic and Electrical systems	Assignment
414	Programmable logic controllers	Assignment
415	Principles of analogue and circuits	Assignment



416	Sequential and combinational logic circuits	Assignment
417	Microprocessor based systems	Assignment
420	Programming using C	Assignment