



Level - 4

Technician Diploma in Mechanical 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 **four mandatory units** and a minimum of **seven** optional units.

Unit	Title	Assessments
401	Engineering Mathematics	Written Paper
428	Electrical Principles for Mechanical Engineering	Written Paper
429	Principles of Mechanical Engineering	Written Paper
430	Engineering Fluids Mechanic and Thermodynamics	Assignment
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
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
431	Principles of mechanical component manufacture	Written Paper
432	Materials Engineering	Written Paper
433	Automated machining of materials	Assignment
434	Industrial robotics	Assignment
435	Statistical process control	Written Paper
436	Metal fabrication technology	Assignment
437	Welding technology and practice	Assignment
438	Quality assurance and testing of welded joints	Assignment