

Table 1 – NZ Diploma in Engineering (Mechanical) Programme

Code DEM	Course 14 Compulsories (Bold) + TWO electives	C or E¹	Level	Pre - or Co-requisites
4.101	Engineering Fundamentals	C	4	
4.102	Engineering Mathematics 1	C	4	
4.103	Technical Literacy	C	4	
6.101	Engineering Management	C	6	
6.399	Engineering Project (Mechanical)	C	6	
3.301	Engineering Practice	C	3	
4.301	Engineering CAD	C	4	
4.302	Mechanics	C	4	
4.303	Material Properties	C	4	
5.301	Thermodynamics and Heat Transfer	C	5	
6.301	Fluid Mechanics	C	6	
5.302	Strength of Materials 1	C	5	
5.303	Manufacturing Processes	C	5	
5.304	Electrical Fundamentals	C	5	
6.302	Mechanics of Machines	E	6	
6.308	Strength of Materials 2	E	6	DE5302
6.309	Advanced Thermodynamics	E	6	DE5301
6.315	Fluid Power	E	6	
6.419	Maintenance Engineering Management	E	6	
C = Compulsory		E = Elective		