



MINISTRY OF EDUCATION  
STATE DEPARTMENT FOR VOCATIONAL AND TECHNICAL TRAINING  
THIKA TECHNICAL TRAINING INSTITUTE

NO.	COURSE	MINIMUM REQUIREMENTS	OTHER REQUIREMENTS	INTAKE	DURATION	EXAM BODY
<b>1 MECHANICAL ENGINEERING DEPARTMENT</b>						
<b>(a) MECHANICAL ENGINEERING SECTION</b>						
1	Diploma in Mechanical Engineering (Production Option) Module 1 Module 11 Module 111	C- (Minus) and above Pass/ Refer in Module 1or Pass in Craft Pass / Refer in Module 11	MATHS C- PHYS/CHEM C-	MAY/SEPT JAN/SEPT JAN/SEPT	9 Months 6 Months 6 Months	KNEC KNEC KNEC
2	Diploma in Mechanical Engineering (Plant Option) Module 1 Module 11 Module 111	C- (Minus) and above Pass/ Refer in Module 1or Pass in Craft Pass/ Refer in Module 11	MATHS C- PHYS/CHEM C-	MAY/SEPT JAN/SEPT JAN/SEPT	9 Months 6 Months 6 Months	KNEC KNEC KNEC
3	Craft Certificate in Mechanical Engineering Module 1 Module 11	D (plain) and above Pass/Refer in Module 1	MATHS D+ PHYS/CHEM D+	MAY/SEPT SEPT/ JAN	9 Months 6 Months	KNEC KNEC
4	Craft Certificate in Welding and Fabrication Module 1 Module 11	D (plain) and above Pass/Refer in Module 1	MATHS D+ PHYS/CHEM D+	MAY/SEPT JAN/SEPT	9 Months 6 Months	KNEC KNEC
5	Craft Certificate in Refrigeration and Air Conditioning - Level 5	D (plain) and above	NONE	MAY/SEPT	2 Years	CDACC
6	Artisan in Welding and Fabrication	D- (Minus) and above	NONE	MAY/SEPT	1 Year	KNEC
7	Artisan in Manual Metal Arch Welding - level 4	D- (Minus) and above	NONE	MAY/SEPT	9 Months	CDACC
<b>(b) AUTOMOTIVE ENGINEERING SECTION</b>						
8	Diploma in Automotive Engineering Module 1 Module 11 Module 111	C- (Minus) and above Pass/Refer in Module 1 or Pass in Craft Pass/Refer in Module 11	MATHS C- PHYS/CHEM C-	MAY/SEPT JAN/SEPT JAN/SEPT	9 Months 6 Months 6 Months	KNEC KNEC KNEC
9	Craft Certificate in Automotive Technology Module 1 Module 11	D (plain) and above Pass/ Refer in Module 1	MATHS D+ PHYS/CHEM D+	MAY/SEPT JAN/SEPT	9 Months 6 Months	KNEC KNEC
10	Artisan in Automotive Engineering	D- (Minus) and above	NONE	MAY/SEPT	1 Year	KNEC
11	Autobody Building and Welding Technician- level 6	C- (Minus) and above (interview)	MATHS D+ PHYS/CHEM D+	JAN/MAY/SEPT	2 ½ Years	TIVET/ CDACC
12	Craft Certificate in Automotive Technician-level 5	D (plain) and above	MATHS D+ PHYS/CHEM D+	JAN/MAY/SEPT	2 Years	CDACC
13	Driving Course	18 years and above	NONE	OPEN	1 Month	NTSA
<b>(c) AGRICULTURAL MECHANICS SECTION</b>						
14	Diploma in Agricultural Engineering-TEP	C- (Minus) and above	MATHS C- PHYS/CHEM C-	MAY/SEPT	3 Years	KNEC
15	Artisan in Agricultural Mechanics- TEP	D- (Minus) and above	NONE	MAY/SEPT	1 Year	KNEC
16	Craft Certificate in Agricultural Engineering -TEP	D (plain) and above	MATHS D+ PHYS/CHEM D+	JAN/MAY/SEPT	2 Years	KNEC
<b>2 BUILDING AND CIVIL ENGINEERING DEPARTMENT</b>						
17	Diploma in Architecture Module 1 Module 11 Module 111	C- (Minus) and above or Pass in Craft Pass/ Refer in Module 1 Pass/Refer in Module 11	MATHS D+ PHYS/CHEM D+ NONE NONE	MAY/SEPT JAN/SEPT JAN/SEPT	9 Months 6 Months 6 Months	KNEC KNEC KNEC
18	Diploma in Building and Construction Module 1 Module 11 Module 111	C- (Minus) and above Pass/ Refer in Module 1 or Pass in Craft Pass/ Refer in Module 11	MATHS D+ PHYS/CHEM D+ NONE NONE	MAY/SEPT JAN/SEPT JAN/SEPT	9 Months 6 Months 6 Months	KNEC KNEC KNEC
19	Diploma in Civil Engineering Module 1 Module 11 Module 111	C- (Minus) and above Pass/ Refer in Module 1 or Pass in Craft Pass / Refer in Module 11	MATHS D+ PHYS/CHEM D+ NONE NONE	MAY/SEPT JAN/SEPT JAN/SEPT	9 Months 6 Months 6 Months	KNEC KNEC KNEC
20	Diploma in Quantity Survey - TEP	C- (Minus) and above	MATHS D+ PHYS/CHEM D+	MAY/SEPT	3 Years	KNEC
21	Diploma in Quantity Surveying -level 6	C- (Minus) and above	C- (Minus)	MATHS D+ PHYS/ CHEM D+	3 Years	CDACC
22	Masonry- level 4	D- (Minus) and above	NONE	MAY/SEPT	1 Year	CDACC
23	Plumbing – level 4	D- (Minus) and above	NONE	MAY/SEPT	1 Year	CDACC
24	Scaffolding -level 4	D- (Minus) and above	NONE	MAY/SEPT	1 Year	CDACC
25	Artisan in plumbing	D- (Minus) and above	NONE	MAY/SEPT	1 Year	KNEC
26	Artisan in Masonry	D- (Minus) and above	NONE	MAY/SEPT	1 Year	KNEC
27	Craft Certificate in Plumbing	D (plain) and above	MATHS D+ PHYS/CHEM D+	MAY/SEPT	2 Years	KNEC
<b>3 ELECTRICAL AND ELECTRONICS ENGINEERING DEPARTMENT</b>						
28	Diploma in Electrical & Electronics Technology (Power Option) Module 1 Module 11 Module 111	C- (Minus) and above Pass/ Refer in Module 1 or Pass in Craft Pass/ Refer in Module 11	MATHS C- PHYS/CHEM C-	MAY/SEPT JAN/SEPT JAN/SEPT	9 Months 6 Months 6 Months	KNEC KNEC KNEC
29	Diploma in Electrical & Electronics Technology (Telecommunications Option) Module 1 Module 11 Module 111	C- (Minus) and above Pass/ Refer in Module 1 or Pass in Craft Pass/ Refer in Module 11	MATHS C- PHYS/CHEM C-	MAY/SEPT JAN/SEPT JAN/SEPT	9 Months 6 Months 6 Months	KNEC KNEC KNEC
30	Diploma in Electrical Engineering - level 6	C- (Minus) and above	MATHS C- PHYS/CHEM C-	MAY/SEPT	3 years	CDACC
31	Diploma in Electrical Installation-level 6	C- (Minus) and above	MATHS C- PHYS/CHEM C-	MAY/SEPT	3 years	CDACC
32	Craft Certificate in Electrical & Electronics Technology (Power Option) Module 1 Module 11	D (plain) and above Pass / Refer in Module 1	MATHS D+ PHYS/CHEM D+	MAY/SEPT MAY/SEPT	9 Months 9 Months	KNEC KNEC
33	Crat Certificate in Electrical & Electronics Technology (Telecommunications Option) Module 1 Module 11	D (plain) and above Pass/ Refer in Module 1	MATHS D+ PHYS/CHEM D+	MAY/SEPT MAY/SEPT	9 Months 9 Months	KNEC KNEC
34	Craft Certificate in Electrical Installation -level 5	D (plain) and above	MATHS D+ PHYS/CHEM D+	MAY/SEPT	2 Years	CDACC
35	Artisan in Electrical Installation	D- (minus) and above	NONE	MAY/SEPT	1 Year	KNEC

PRINCIPAL