



**MINISTRY OF EDUCATION**  
**STATE DEPARTMENT OF VOCATIONAL AND TECHNICAL TRAINING**  
**MASINGA TECHNICAL AND VOCATIONAL COLLEGE**

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**LIST OF OUR COURSES**

Courses	Level	Entry Grade	Duration (Module)	Exam Body
<b>APPLIED SCIENCES</b>				
<b>REGULAR COURSES</b>				
Food Technology	6	C- & Above	7	CDACC
Food Technology	5	D+ & D	4	CDACC
Food Technology	4	D-	2	CDACC
Science Laboratory Technology	5 & 6	D+ and above	4, 7	CDACC
<b>SHORT COURSES</b>				
Dairy Plant Management	4	D-	1	CDACC
Meat Products Processing	4	D-	1	CDACC
<b>BUSINESS STUDIES</b>				
<b>REGULAR COURSES</b>				
Office Administration	6	C- & Above	7	CDACC
Office Administration	5	D+ & D	4	CDACC
Office Administration	4	D- & E	1	CDACC
Marketing	6	C- & Above	7	CDACC
Business Management	6	C- & Above	7	CDACC
Business Management	5	D+ & D	4	CDACC
Procurement / Supply Chain Management	6	C- & Above	7	CDACC
Procurement / Supply Chain Management	5	D+ & D	4	CDACC
Human Resource Management	6	C- & Above	7	CDACC
Human Resource Management	5	D+ & D	4	CDACC
Accountancy	6	C- & Above	7	CDACC
<b>HYBRID COURSES</b>				
ATD	1 TO 3	C-	6 MONTHS	KASNEB
CAMS	5	D+	6 MONTHS	KASNEB
<b>BUILDING AND CIVIL ENGINEERING</b>				
<b>REGULAR COURSES</b>				
Building Technology	6	C- & Above	7	CDACC
Building Technology	5	D+ & D	4	CDACC
Masonry	4	D- & E	2	CDACC
Plumbing	5	D+ & D	4	CDACC
Plumbing	4	D- & E	2	CDACC
Civil Engineering	6	C- & Above	7	CDACC

Courses	Level	Entry Grade	Duration (Module)	Exam Body
<b>ELECTRICAL AND ELECTRONICS ENGINEERING</b>				
<b>REGULAR COURSES</b>				
Electrical Engineering (Power option)	6	C- & Above	7	CDACC
Telecommunication Engineering	6	C- & Above	7	CDACC
Electrical Operation (Power Option)	5	D+ & D	4	CDACC
Electrical Installation	4	D- & E	2	CDACC
Electrical Installation Technology	3	KCPE/KCSE	1	CDACC
Solar PV System Installation	3	KCPE/KCSE	1	CDACC
Biomedical Engineering Technology	5 & 6	D+ and Above	4, 7	CDACC
Mechatronics Technician Level 5 & 6	5 & 6	D+ and Above	4, 7	CDACC
<b>SHORT COURSES</b>				
Electrical Wireman Trade Test	Grade III, II, I	KCPE/KCSE	6 Months	RPL, CDACC, MTVC
<b>MECHANICAL AND AUTOMOTIVE ENGINEERING</b>				
<b>REGULAR COURSES</b>				
Mechanical Technology (Plant)	6	C- & Above	7	CDACC
Mechanical Plant Technology	5	D+ & D	4	CDACC
Welding Technology	6	C- and Above	7	CDACC
Welding Technology	5	D to D+	4	CDACC
Welding	4	E to D-	2	CDACC
Welding	3	KCPE/KCSE	1	CDACC
Automotive Technology	6	C- & Above	7	CDACC
Automotive Technology	5	D+ & D	4	CDACC
Automotive Technology	4	D- & E	2	CDACC
Automotive Mechanic	3	KCPE/KCSE	1	CDACC
Spray Painting	4	D- & E	2	CDACC
Motor Vehicle Mechanics Trade Test	3	KCPE/KCSE	1	RPL, MTVC
<b>HOSPITALITY AND TOURISM</b>				
<b>REGULAR COURSES</b>				
Food and Beverage Management (Production and	6	C- & Above	7	CDACC
Food and Beverage Management (Production and	5	D+ & D	4	CDACC
Food and Beverage Service (Waiter)	4	D- & E	2	CDACC
Food and Beverage Cookery	4	D- & E	2	CDACC
Food and Beverage Cookery	3	KCPE/KCSE	1	CDACC
Catering and Accommodation Management	6	C- & Above	7	CDACC
Catering and Accommodation Operations	5	D+ & D	5	CDACC

Quantity Survey	6	C- & Above	7	CDACC
Carpentry	3	KCPE/KCSE	1	CDACC
Painting and Decoration	3	KCPE/KCSE	1	CDACC
Tile Fixing	3	KCPE/KCSE	1	CDACC
Plumbing	3	KCPE/KCSE	1	CDACC
Masonry	3	KCPE/KCSE	1	CDACC
<b>DUAL COURSES</b>				
Plumbing Level	4	D- & E	2	CDACC
<b>SHORT COURSES</b>				
Masonry Trade Test	Grades III, II, I	KCPE	3 Months	RPL, MTVC
Plumbing and Pipe Fitting	Grades III, II, I	KCPE	3 Months	CDACC
<b>COMPUTING AND INFORMATICS</b>				
<b>REGULAR COURSES</b>				
ICT Technician	6	C- & Above	7	CDACC
ICT Technician	5	D+ & D	4	CDACC
ICT Technician	4	D- & E	2	CDACC
Computer Science Level 6	6	C- & Above	3 Years	CDACC
Software Development	6	C- & Above	7	CDACC
Software Development	5	D+ & D	4	CDACC
Journalism and Mass Media	6	C- & Above	7	CDACC/ICM
Journalism and Mass Media	5	D+ & D	4	CDACC/ICM
<b>SHORT COURSES</b>				
Computer Operator	Grade III, II, I	KCPE/KCSE	3 Months	NITA
<b>AGRICULTURE</b>				
Agricultural Extension Officer	6	C- & Above	7	CDACC
Agricultural Extension Officer	5	D+ & D	4	CDACC
Sustainable Agriculture for Rural Development	6	C- & Above	7	CDACC
Sustainable Agriculture for Rural Development	5	D+ & D	4	CDACC
<b>SHORT COURSES</b>				
Poultry (Broiler) Production	3 Months	KCPE/KCSE	3 months	CDACC
Poultry (Layers) Production	3 Months	KCPE/KCSE	3 months	CDACC
Poultry (Kienyeji) Production	3 Months	KCPE/KCSE	3 months	CDACC
Bee Hives and Bee Equipment	3 Months	KCPE/KCSE	3 months	CDACC

Accommodation Operations	4	D- & E	2	CDACC
Tour and Travel Management	6	C- & Above	7	CDACC
Tour and Travel Operations	5	D+ & D	5	CDACC
Wildlife Guiding	4	D- & E	2	CDACC
<b>SHORT COURSES</b>				
Baking	3	KCPE/KCSE	3 Months	RPL, MTVC
Barista	Grade III,II,I	KCPE/KCSE	3 Months	CDACC
Basic Food Production Practical	KCPE/KCSE	KCPE/KCSE	3 Months	CDACC
<b>FASHION DESIGN &amp; COSMETOLOGY</b>				
Fashion Design	6	C- & Above	7	CDACC
Fashion Design	5	D+ & D	5	CDACC
Fashion Design	4	D- & E	3	CDACC
Fashion Design	3	KCPE/KCSE	1	CDACC
Fashion Design (Tailoring)	Grade III,II,I	KCPE/KCSE	3 Months	NITA
Beauty Therapy	Grade III,II,I	KCPE/KCSE	3 Months	NITA
Hairdressing	Grade III,II,I	KCPE/KCSE	3 Months	NITA
Cosmetology	6	C- & Above	7	CDACC
Cosmetology	5	D+ & D	5	CDACC
Cosmetology	4	D- & E	3	CDACC
Cosmetology	3	KCPE/KCSE	1	CDACC
<b>SHORT COURSES</b>				
Make-Up	Grades III, II, I	KCPE/KCSE	3 Months	CDACC
Nail Technology	Grades III, II, I	KCPE/KCSE	3 Months	CDACC
Barbering	Grades III, II, I	KCPE/KCSE	3 Months	CDACC
<b>LIBERAL STUDIES</b>				
Child Care Protection	6	C- & Above	7	CDACC
Child Care Protection	5	D+ & D	5	CDACC
Social Work	6	C- & Above	7	CDACC
Social Work	5	D+ & D	5	CDACC
Home Based Care	4	D- & E	2	CDACC
Home Based Care	3	KCPE/KCSE	1	CDACC