

11. OPEN DISTANCE AND VIRTUAL LEARNING DEPARTMENT			
COURSE	MINIMUM REQUIREMENTS	MAXIMUM DURATION	EXAM BODY
Business Management Level 6	KCSE C- (Minus)	6 Modules	CDACC
Project Management Level 6	KCSE C- (Minus)	6 Modules	CDACC
Supply Chain Management Level 6	KCSE C- (Minus)	6 Modules	CDACC
Human Resource Management Level 6	KCSE C- (Minus)	6 Modules	CDACC
Marketing Level 6	KCSE C- (Minus)	6 Modules	CDACC
Social Work Level 6	KCSE C- (Minus)	8 Modules	CDACC
Counseling Psychology Level 6	KCSE C- (Minus)	8 Modules	CDACC
Child Protection Level 6	KCSE C- (Minus)	8 Modules	CDACC
Library and Information Science Level 6	KCSE C- (Minus)	6 Modules	CDACC
Records & Archives Management Level 5	KCSE D (Plain)	4 Modules	CDACC
Library and Information Science Level 5	KCSE D (Plain)	4 Modules	CDACC
Marketing Level 5	KCSE D (Plain)	4 Modules	CDACC
Human Resource Assistant Level 5	KCSE D (Plain)	4 Modules	CDACC
Supply Chain Management Level 5	KCSE D (Plain)	4 Modules	CDACC
Office Administration Level 5	KCSE D (Plain)	4 Modules	CDACC
Business Management Level 5	KCSE D (Plain)	4 Modules	CDACC
Social Work Level 5	KCSE D (Plain)	5 Modules	CDACC
Child Protection Level 5	KCSE D (Plain)	5 Modules	CDACC
Records & Archives Management Level 4	KCSE Certificate	3 Modules	CDACC

SHORT COURSES OFFERED APRIL, AUGUST & DECEMBER

1. MECHANICAL ENGINEERING DEPARTMENT

COURSE	MINIMUM REQUIREMENTS	MAXIMUM DURATION	EXAM BODY
A. MECHANICAL ENGINEERING SECTION			
CAD Design AutoCAD, Inventor, Solid Works	KCPE or Equivalent	3 Months	CDACC
CNC Lathe Machine Programming & component production	KCPE or Equivalent	3 Months	CDACC
Gas Metal Arc Welding (MIG)	KCPE or Equivalent	3 Months	CDACC
Tungsten Inert Gas	KCPE or Equivalent	3 Months	CDACC
Refrigeration & Air Conditioning Grade III	KCPE or Equivalent	3 Months	NITA

B. AUTOMOTIVE SECTION

Light Vehicle Mechanics Grade 111	KCPE or equivalent	3 Months	NITA
Spray Painter Grade 111	KCPE or equivalent	3 Months	NITA
Motor Vehicle Electrician Grade 111	KCPE or equivalent	3 Months	NITA
Driving Course	18 Years & Above	1 Month	NTSA

2. ELECTRICAL ENGINEERING DEPARTMENT

Motor Rewinding	KCPE or equivalent	3 Months	NITA
Electrical Wireman Grade 111	KCPE or equivalent	3 Months	NITA
Electrical Wireman Grade 11	Pass in Grade 111	3 Months	NITA
Electrical Wireman Grade 1	Pass in Grade 11	3 Months	NITA
Solar Technology T3	Pass in T2	1 Month	NITA
Solar Technology T2	Pass in T1	1 Month	NITA
Solar Technology T1	KCPE or equivalent	1 Month	NITA

3. AGRICULTURE & ENVIRONMENTAL STUDIES

Horticulture Nursery Management Level 3	KCPE or equivalent	3 Months	CDACC
Apiary attendant Level 4	KCSE Certificate	1 Module	CDACC

All Modular Courses have Compulsory Industrial Training Module (s) and a Module lasts 3 Months

4. LIBERAL STUDIES

Basic Sign Language	KCSE D Plain	3 Months	CDACC
Foreign Languages: German A1 / French	KCSE D Plain	4 Weeks	CDACC
Home Care Management Level 3	KCPE / KJSEA	3 Months	CDACC

5. INFORMATION COMMUNICATION & TECHNOLOGY

Computer Package Level 111	KCSE Certificate	6 Weeks	CDACC
Graphic Design	KCSE Certificate	6 Weeks	CDACC

6. OPEN DISTANCE & FLEXIBLE LEARNING

Public Relations & Customer Care	KCPE or equivalent	1 Month	CDACC
Supervisory Management	KCPE or equivalent	3 Months	CDACC
Basic Computer Applications	KCSE Certificate	3 Months	CDACC

7. HOSPITALITY & TOURISM

Baking Technology Level 3	KCPE / KJSEA	3 Months	CDACC
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8. BUILDING & CIVIL ENGINEERING

Masonry Grade 111, 11 & 1	KCPE for Grade III	3 Weeks	NITA
Tiling Grade 111, 11 & 1	KCPE for Grade III	3 Months	NITA
Painter Decorator Grade 111,11 & 1	KCPE for Grade III	3 Months	NITA
Carpentry & Joinery Grade 111,11 & 1	KCPE for Grade III	3 Months	NITA
Cabinet Making Grade 111,11 & 1	KCPE for Grade III	3 Months	NITA
Upholstery Grade 111, 11,& 1	KCPE for Grade III	3 Months	NITA
Plumbing Pipe Fitter Grade 111, 11 & 1	KCPE for Grade III	3 Months	NITA
Arch CAD	KCPE for Grade III	2 Months	NITA
Auto CAD	KCPE for Grade III	2 Months	NITA

Other requirements in Grade II & I is pass in grade III & II respectively

9. BUSINESS STUDIES PROFESSIONAL COURSES

CPA Foundation	KCSE C+ (Plus)	3 Months	KASNEB
CPA Intermediate	Pass in CPA 1	3 Months	KASNEB
CPSP Part 1	KCSE C+ (Plus)	3 Months	KISEB
CPSP Part 11	Pass in CPSP Part 1	3 Months	KISEB
APS 1	KCSE C- (Minus)	3 Months	KISEB
APS 11	Pass in APS Part 1	3 Months	KISEB
APS 111	Pass in APS Part 11	3 Months	KISEB



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AUTOMOTIVE ENGINEERING WORKSHOP

AGRICULTURAL MECHANICS EQUIPMENTS

APPLICATION PROCEDURE

Visit: [thikattiportal.ac.ke / Account/StudentApplication](http://thikattiportal.ac.ke/Account/StudentApplication)

- ◆ Click on Course Application & register
 - ◆ Verify the email used and proceed to Login
 - ◆ Upload the required documents and complete the application process
- You will receive the ADMISSION LETTER & joining instructions via email used

NB: Trainees in need of Government financial support (Scholarship / HELB) must apply through the official website www.hef.co.ke

COURSE APPLICATION REQUIREMENTS

1. KCSE Results Slip
2. Form 4 Leaving Certificate
3. Birth Certificate
4. National ID

A BRIEF HISTORY

Thika Technical Training Institute is a Government Institution under the Ministry of Education, State Department for Technical, Vocational, Education and Training. It was started in 1949 as a Technical Training Center for The Former World War II Service Men offering Elementary Book keeping, Masonry and Dressmaking. It was elevated to a Technical High School in 1964 and then to a Technical Training Institute in 1987. The Institute offers both Technical and Business Courses at Level 3, Level 4, Level 5 and Level 6. It also has Research, Innovation and Outreach programs to keep up with the market demand of highly qualified graduates.

It is a great institution to be associated with and we welcome you to join us.



MINISTRY OF EDUCATION
STATE DEPARTMENT FOR TECHNICAL,
VOCATIONAL EDUCATION AND TRAINING

THIKA TECHNICAL TRAINING INSTITUTE
A Centre of Excellence in Mechanical Engineering



INTAKES JANUARY / MAY / SEPTEMBER

VISION STATEMENT
To be a Center of Excellence in Technical, Vocational Education and Training.

MISSION STATEMENT
To provide Training, Research and Outreach Programmes that impart skills and utilize acquired knowledge to spur economic growth and solve problems in society.

- CORE VALUES**
- Professionalism
 - Integrity
 - Teamwork
 - Equity & Equality
 - Innovation
 - Customer Focus

For More Information Contact Us

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NIKO SET NA TVET

THIKA TTI CBET TRAINING PROGRAMMES
PRIDE IN TECHNOLOGY

1. MECHANICAL ENGINEERING DEPARTMENT			
A. MECHANICAL ENGINEERING DEPARTMENT			
COURSE	MINIMUM REQUIREMENTS	MAXIMUM DURATION	EXAM BODY
Mechanical Plant Technology (dual) Level 6	KCSE C- (Minus)	8 Modules	CDACC
Mechanical Technology (Production) Level 6	KCSE C- (Minus)	8 Modules	CDACC
Refrigeration & Air Conditioning (Dual Training) Level 6	KCSE C- (Minus) (Interviews)	8 Modules	CDACC
Refrigeration & Air Conditioning Level 5	KCSE D (Plain)	5 Modules	CDACC
Mechanical Plant Technology Level 5	KCSE D (Plain)	5 Modules	CDACC
Mechanical Technology (Production) Level 5	KCSE D (Plain)	5 Modules	CDACC
Welding Level 5	KCSE D (Plain)	5 Modules	CDACC
Refrigeration and Air Conditioning Level 4	KCSE Certificate	3 Modules	CDACC
Welding Level 4	KCSE Certificate	3 Modules	CDACC
CNC Lathe Operations Level 4	KCSE Certificate	3 Modules	CDACC
CNC Milling Operation Level 4	KCSE Certificate	3 Modules	CDACC
B. AUTOMOTIVE ENGINEERING SECTION			
COURSE	MINIMUM REQUIREMENTS	MAXIMUM DURATION	EXAM BODY
Automotive Technician Level 6	KCSE C- (Minus)	8 Modules	CDACC
Autobody Technician (dual training) Level 6	KCSE C- (Minus) (Interviews)	8 Modules	CDACC
Automotive Technician Level 5	KCSE D (Plain)	5 Modules	CDACC
Autobody Technician Level 5	KCSE D (Plain)	5 Modules	CDACC
Automotive Technician Level 4	KCSE Certificate	3 Modules	CDACC
C. AGRICULTURAL MECHANICS SECTION			
COURSE	MINIMUM REQUIREMENTS	MAXIMUM DURATION	EXAM BODY
Agricultural Engineering Technician Level 6	KCSE C- (Minus)	8 Modules	CDACC
Irrigation & Drainage Engineering Technology Level 6	KCSE C- (Minus)	8 Modules	CDACC
Agricultural Engineering Technician Level 5	KCSE D (Plain)	5 Modules	CDACC
Agricultural Machinery and Equipment Level 4	KCSE Certificate	3 Modules	CDACC
2. BUILDING AND CIVIL ENGINEERING DEPARTMENT			
COURSE	MINIMUM REQUIREMENTS	MAXIMUM DURATION	EXAM BODY
Civil Engineering Technology Level 6	KCSE C- (Minus)	8 Modules	CDACC
Building Technology Level 6	KCSE C- (Minus)	8 Modules	CDACC
Architectural Technology Level 6	KCSE C- (Minus)	8 Modules	CDACC
Quantity Surveying Level 6	KCSE C- (Minus)	8 Modules	CDACC
Construction Management Level 6	KCSE C- (Minus)	8 Modules	CDACC
Land Survey Level 6	KCSE C- (Minus)	8 Modules	CDACC
Plumbing Level 5	KCSE D (Plain)	5 Modules	CDACC
Carpentry and Joinery Level 5 (Dual)	KCSE D (Plain) (Interviews)	5 Modules	CDACC

All Modular Courses have Compulsory Industrial Training Module (s) and a Module lasts 3 Months

Building Technology Level 5	KCSE D (Plain)	5 Modules	CDACC
Land Survey Level 5	KCSE D (Plain)	5 Modules	CDACC
Plumbing Level 4	KCSE Certificate	3 Modules	CDACC
Building (Masonry) Technology Level 4	KCSE Certificate	3 Modules	CDACC
3. ELECTRICAL ENGINEERING DEPARTMENT			
COURSE	MINIMUM REQUIREMENTS	MAXIMUM DURATION	EXAM BODY
Electrical Engineering (Power Option) Level 6	KCSE C- (Minus)	8 Modules	CDACC
Telecommunication Engineering Level 6 (Dual)	KCSE C- (Minus) (Interviews)	8 Modules	CDACC
Instrumentation and Control Level 6	KCSE C- (Minus)	8 Modules	CDACC
Industrial Automation and Robotics Level 6	KCSE C- (Minus)	8 Modules	CDACC
Medical Engineering Level 6	KCSE C- (Minus)	8 Modules	CDACC
Telecommunications Engineering Level 5	KCSE D (Plain)	5 Modules	CDACC
Electrical Engineering Level 5	KCSE D (Plain)	5 Modules	CDACC
Instrumentation and Control Level 5	KCSE D (Plain)	5 Modules	CDACC
Medical Engineering Level 5	KCSE D (Plain)	5 Modules	CDACC
Instrumentation and Control Level 4	KCSE Certificate	3 Modules	CDACC
Electrical Installation Level 4	KCSE Certificate	3 Modules	CDACC
4. INFORMATION COMMUNICATION AND TECHNOLOGY			
COURSE	MINIMUM REQUIREMENTS	MAXIMUM DURATION	EXAM BODY
ICT Technician Level 6	KCSE C- (Minus)	8 Modules	CDACC
Computer Science Level 6	KCSE C- (Minus)	8 Modules	CDACC
Library and Information Science Level 6	KCSE C- (Minus)	6 Modules	CDACC
Library and Information Science Level 5	KCSE D (Plain)	4 Modules	CDACC
ICT Technician Level 5	KCSE D (Plain)	5 Modules	CDACC
Records and Archives Management Level 5	KCSE D (Plain)	4 Modules	CDACC
Records and Archives Management Level 4	KCSE Certificate	3 Modules	CDACC
ICT Technician Level 4	KCSE Certificate	3 Modules	CDACC
5. AGRICULTURE AND ENVIRONMENTAL STUDIES DEPARTMENT			
COURSE	MINIMUM REQUIREMENTS	MAXIMUM DURATION	EXAM BODY
Agricultural Extension Level 6	KCSE C- (Minus)	8 Modules	CDACC
Agripreneurship Level 6	KCSE C- (Minus)	8 Modules	CDACC
Horticultural Nursery Management Level 6	KCSE C- (Minus)	8 Modules	CDACC
Environmental Technology Level 6	KCSE C- (Minus)	8 Modules	CDACC
Horticultural Nursery Management Level 5	KCSE D (Plain)	5 Modules	CDACC

All Modular Courses have Compulsory Industrial Training Module (s) and a Module lasts 3 Months

Agricultural Extension Level 5	KCSE D (Plain)	5 Modules	CDACC
Horticulture Production (dual) Level 5	KCSE D (Plain)	5 Modules	CDACC
Sustainable Agriculture for Rural Development Level 5	KCSE D (Plain)	5 Modules	CDACC
Horticultural Nursery Management Level 4	KCSE Certificate	3 Modules	CDACC
General Agriculture Level 4	KCSE Certificate	3 Modules	CDACC
6. LIBERAL STUDIES DEPARTMENT			
COURSE	MINIMUM REQUIREMENTS	MAXIMUM DURATION	EXAM BODY
Social Work Level 6	KCSE C- (Minus)	8 Modules	CDACC
Child Protection Level 6 (Dual)	KCSE C- (Minus) (Interview)	8 Modules	CDACC
Counselling Psychology Level 6	KCSE C- (Minus)	8 Modules	CDACC
Home Care Management Level 6	KCSE C- (Minus)	8 Modules	CDACC
Counselling Psychology Level 5	KCSE D (Plain)	5 Modules	CDACC
Home Care Management Level 5	KCSE D (Plain)	5 Modules	CDACC
Child Protection Level 5	KCSE D (Plain)	5 Modules	CDACC
Social Work Level 5	KCSE D (Plain)	5 Modules	CDACC
Community Based Services Level 4	KCSE Certificate	3 Modules	CDACC
Home Care Management Level 4	KCSE Certificate	3 Modules	CDACC
Care Giving Level 4	KCSE Certificate	3 Modules	CDACC
Kenya Sign Language Level 4	KCSE Certificate	3 Modules	CDACC
Social Work Level 4	KCSE Certificate	3 Modules	CDACC
7. HEALTH SCIENCES DEPARTMENT			
COURSE	MINIMUM REQUIREMENTS	MAXIMUM DURATION	EXAM BODY
Health Records & Information Technology Level 6	KCSE C- Minus	8 Modules	CDACC
Community Health Assistant Level 6	KCSE C- (Minus)	8 Modules	CDACC
Community Health Assistant Level 5	KCSE D (Plain)	5 Modules	CDACC
Health Records & Information Technology Level 5	KCSE D (Plain)	5 Modules	CDACC
Community Health Level 4	KCSE Certificate	3 Modules	CDACC
Health Care Support Services Level 4	KCSE Certificate	3 Modules	CDACC
Nutrition and Dietetics Level 5	KCSE D (Plain)	5 Modules	CDACC
Other requirements BIO, PHY / CHEM, ENG, KISWA, D (Plain), MATHS, HSC / AGRI D PLAIN			
Nutrition and Dietetics Level 6 (Dual)	KCSE C- (Minus)	8 Modules	CDACC
Other requirements BIO, PHY / CHEM, ENG, KISWA, D+, MATHS, HSC / AGRI D PLAIN			
8. HOSPITALITY AND TOURISM DEPARTMENT			
COURSE	MINIMUM REQUIREMENTS	MAXIMUM DURATION	EXAM BODY
Food & Beverage Management Level 6	KCSE C- (Minus)	8 Modules	CDACC
Food Service Diet Technology Level 6	KCSE C- (Minus)	8 Modules	CDACC
Baking Technology Level 6	KCSE C- (Minus)	7 Modules	CDACC
Food Service Diet Technology Level 5	KCSE D (Plain)	5 Modules	CDACC
Food & Beverage Operations Level 5	KCSE D (Plain)	5 Modules	CDACC

All Modular Courses have Compulsory Industrial Training Module (s) and a Module lasts 3 Months

Food Production Level 4	KCSE Certificate	3 Modules	CDACC
Food & Beverage Service Level 4	KCSE Certificate	3 Modules	CDACC
Baking Technology Level 4	KCSE Certificate	3 Modules	CDACC
9. APPLIED SCIENCES DEPARTMENT			
COURSE	MINIMUM REQUIREMENTS	MAXIMUM DURATION	EXAM BODY
Applied Biology Level 6	KCSE C- (Minus)	8 Modules	CDACC
Analytical Chemistry Level 6 (Dual Training)	KCSE C- (Minus) (Interviews)	8 Modules	CDACC
Chemical Engineering Level 6	KCSE C- (Minus)	8 Modules	CDACC
Science Laboratory Technician Level 6	KCSE C- (Minus)	8 Modules	CDACC
Food Processing Technology Level 6	KCSE C- (Minus)	8 Modules	CDACC
Science Laboratory Technician Level 5	KCSE D (Plain)	5 Modules	CDACC
Food Processing Technology Level 5	KCSE D (Plain)	5 Modules	CDACC
Dairy Processing Level 4	KCSE Certificate	3 Module	CDACC
10. BUSINESS STUDIES DEPARTMENT			
COURSE	MINIMUM REQUIREMENTS	MAXIMUM DURATION	EXAM BODY
Marketing Level 6	KCSE C- (Minus)	6 Modules	CDACC
Office Administration Level 6	KCSE C- (Minus)	6 Modules	CDACC
Supply Chain Management Level 6	KCSE C- (Minus)	6 Modules	CDACC
Project Management Level 6	KCSE C- (Minus)	6 Modules	CDACC
Business Management Level 6	KCSE C- (Minus)	6 Modules	CDACC
Human Resource Management Level 6	KCSE C- (Minus)	6 Modules	CDACC
Business Management Level 5	KCSE D (Plain)	4 Modules	CDACC
Marketing Level 5	KCSE D (Plain)	4 Modules	CDACC
Human Resource Assistant Level 5	KCSE D (Plain)	4 Modules	CDACC
Supply Chain Management Level 5	KCSE D (Plain)	4 Modules	CDACC
Store Keeping Level 5	KCSE D (Plain)	4 Modules	CDACC
Office Administration Level 5	KCSE D (Plain)	4 Modules	CDACC
Office Assistant Level 4	KCSE Certificate	3 Modules	CDACC
Store Keeping Level 4	KCSE Certificate	3 Modules	CDACC
Accounting Technician Diploma (ATD) Level 1	KCSE C- (Minus) and Above	3 Modules	KASNEB
Accounting Technician Diploma (ATD) Level 11	Pass in Level 1 or Pass in CAMS	3 Modules	KASNEB
Accounting Technician Diploma (ATD) Level 111	Pass in Level 11	3 Modules	KASNEB
Certificate in Accounting & Management Skills Level I	KCSE D (Plain)	3 Modules	KASNEB
Certificate in Accounting & Management Skills Level 11	Pass in Level 1	3 Modules	KASNEB

All Modular Courses have Compulsory Industrial Training Module (s) and a Module lasts 3 Months