

BRENDATT SERVICES

Educational & Consultancy Services

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Email: training@eeekenya.com: Web: training.eeekenya.com

AutoCAD Masterclass Training Program

Training Program: <https://training.eeekenya.com/program/>

Training Registration: <https://training.eeekenya.com/contact/>

A. Training time

Customizable depending on the institution/individual.

Duration: 2 hours per session

B. Venue

Hybrid: Physical and Online through the Zoom platform*

C. What you also get

1. Drawing templates to practice on (in AutoCAD).
2. Non-Academic, hands-on training by a practising professional.
3. Bonus Premium prerecorded videos on AutoCAD and DIALux.
4. No examinations.

D. Requirements

1. Background in basic electrical engineering principles.
2. **Laptop with installed AutoCAD.
3. Dedication and commitment to the program.

**Laptop specifications: At least 8GB RAM.

*Training can also be in person in our offices in Juja Town or at our clients' offices in cases of corporate training by companies(for firms located in Nairobi).

Our Delivery Style

- Direct instructions=40%
- Assisted Practice=60%
- Classes are one on one and very personalized

E. Training Schedule

Session	Content	Detailed Content	Time(Hours)
Session 1	Introduction	<p><i>Module 1: Introduction</i></p> <ul style="list-style-type: none"> • <i>Introduction to AutoCAD</i> • <i>Understanding the Requirements to Use the Software</i> <p><i>Module 2: Understanding Basic User Interface</i></p> <ul style="list-style-type: none"> • <i>Navigate through the Software</i> • <i>Starting Tips</i> • <i>Set Up the Drawing Environment</i> • <i>Command Prompts</i> • <i>Scale</i> • <i>Units</i> 	2
Session 2	<i>Module 3: Drawing in AutoCAD</i>	<p><i>Module 3: Drawing in AutoCAD</i></p> <ul style="list-style-type: none"> • <i>Drawing Techniques: Lines, Polylines, Circles, Arcs, Rectangles, Ploygons, Hatches, Advanced Drawing Lines.</i> • <i>Layers: Creating Layers, Layer Properties</i> • <i>Drawing Properties: Colour, Line Weight, Line Type</i> 	2
Session 3	<i>Module 4: Modifying Drawings in AutoCAD</i>	<p><i>Module 4: Modifying Drawings in AutoCAD</i></p> <ul style="list-style-type: none"> • <i>Modification Techniques:</i> • <i>Move, Copy, Stretch, Rotate, Mirror, Fillet, Scale, Array, Trim and other modification commands.</i> • <i>Object Snap Settings: End Point, Midpoint, Center, Node, Intersection, etc.</i> 	2

Session 4	<i>Module 5: Annotation in AutoCAD</i>	<i>Module 5: Annotation in AutoCAD</i> <ul style="list-style-type: none"> • <i>Annotation Techniques.</i> • <i>Using Annotation</i> • <i>Text, Dimensions, Linear, Angular, Aligned Dimensions.</i> 	2
Session 5	<i>Module 6: Creating Blocks</i>	<i>Module 6: Creating Blocks</i> <ul style="list-style-type: none"> • <i>Blocks: Overall Review</i> • <i>How to Create Multiple Blocks?</i> • <i>Using the Block Editor</i> • <i>Changing Existing Block Attributes</i> • <i>Exploding Blocks</i> • <i>Block Properties</i> 	2
Session 6		<i>Module 7: Layouts and Viewports</i> <ul style="list-style-type: none"> • <i>Viewports: General Overview</i> • <i>Creating Working Templates in Layouts</i> 	2
Session 7		<i>Module 8: Printing and Documentation in AutoCAD</i> <ul style="list-style-type: none"> • <i>Printing in AutoCAD</i> • <i>Printing output formats: Images, PDFs</i> • <i>Plotting in AutoCAD: Batch Plotting</i> 	2
Total Time			14 Hours

Training Costs* (Per Individual):

- KSh.77,000 per individual for all sessions.

Payment Details:**Bank Deposit:**

- Bank Name: NCBA Bank Kenya (NCBA)
- Name: BRENDATT SERVICES
- Account Number: 8092620017
- Branch: MAMA NGINA STREET BRANCH NAIROBI [250]
- Purpose: Electrical and AutoCAD Training

M-Pesa:

- **Pay Bill:** 880100
- **Account Number:** 8092620017

For Corporate Clients:

1. Discounts are available for corporate clients, for groups of at least 10 participants.
2. In-house training is available for corporate clients(in Nairobi). Classes can be hybrid-Physical and online.

Chief Trainer:

Eng. Benard Makaa, PE, MIEK, MAAK

Educational Qualifications:

- PhD. Electrical Engineering (Ongoing), Jomo Kenyatta University of Agriculture and Technology (JKUAT)
- MSc. Electrical Engineering (Power Systems), JKUAT
- BSc. Electrical and Electronic Engineering, JKUAT

Professional Qualifications:

- Registered & Licensed Professional Engineer, Engineers Board of Kenya (EBK)
- Registered & Licensed Electrician(Class A-1) by Energy and Petroleum Regulatory Authority(EPRA)
- Corporate Member, The Institution of Engineers of Kenya (IEK)
- Corporate Member, The Architectural Association of Kenya (AAK)