BRENDATT SERVICES

Educational & Consultancy Services

P.O BOX 52142-00100, NAIROBI

Email: training@eeekenya.com

Website: https://training.eeekenya.com/

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

AutoCAD and Building Services Electrical 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

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.

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	*Module 1: Introduction* • *Introduction to AutoCAD* • *Understanding the Requirements to Use the Software* *Module 2: Understanding Basic User Interface* • *Navigate through the Software* • *Starting Tips* • *Set Up the Drawing Environment* • *Command Prompts* • *Scale* • *Units*	2
Session 2	*Module 3: Drawing in AutoCAD*	*Module 3: Drawing in AutoCAD* • *Drawing Techniques:* • *Lines, Polylines, Circles, Arcs, Rectangles, Ploygons, Hatches, Advanced Drawing Lines.* • *Layers: Creating Layers, Layer Properties* • *Drawing Properties: Colour, Line Weight, Line Type*	2
Session 3	*Module 4: Modifying Drawings in AutoCAD*	*Module 4: Modifying Drawings in AutoCAD* • *Modification Techniques:* • *Move, Copy, Stretch, Rotate, Mirror, Fillet, Scale, Array, Trim and other modification commands.* • *Object Snap Settings: End Point, Midpoint, Center, Node, Intersection, etc.*	2

Session 4	*Module 5: Annotation in AutoCAD*	*Module 5: Annotation in AutoCAD* • *Annotation Techniques.* • *Using Annotation* • *Text, Dimensions, Linear, Angular, Aligned Dimensions.*	2
Session 5	*Module 6: Creating Blocks*	*Module 6: Creating Blocks* • *Blocks: Overall Review* • *How to Create Multiple Blocks?* • *Using the Block Editor* • *Changing Existing Block Attributes* • *Exploding Blocks* • *Block Properties*	2
Session 6		*Module 7: Layouts and Viewports* • *Viewports: General Overview* • *Creating Working Templates in Layouts*	2
Session 7		*Module 8: Printing and Documentation in AutoCAD* • *Printing in AutoCAD* • *Printing output formats: Images, PDFs* • *Plotting in AutoCAD: Batch Plotting*	2
		Total Time	*14 Hours*

Training Costs* (Per Individual):

1. USD 750.00 per individual for all sessions.

Payment Methods:

1. PayPal.
2. Bank Deposit or Mobile Payment.

Chief Trainer:

Eng. Benard Makaa, PE, MIEK, MAAK

Educational Qualifications:

- 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)