ETA-I APPROVED FIBER OPTICS TRAINING, KAMPALA – UGANDA EAST AFRICA, JANUARY 2027 (Booking Form on page 4)

ETA® INTERNATIONAL FIBER OPTICS INSTALLER (FOI) CERTIFICATION

DURATION / SCHEDULE : 5 DAYS, 04TH -09TH JANUARY 2027 COURSE FEES: USD800

The **ETA International Fiber Optics Installer (FOI) Certification** is a globally recognized, vendor-neutral credential accredited by the **International Certification Accreditation Council (ICAC)** under the **ISO 17024 standard**. This professional certification validates the foundational technical knowledge and practical field skills required to safely install, terminate, splice, and test fiber optic communication systems to strict international industry standards.

Designed for network technicians, telecommunication engineers, and structured cabling professionals, the FOI designation serves as a definitive benchmark of job-ready competency in both Inside Plant (ISP) and Outside Plant (OSP) fiber environments.

CORE COMPETENCIES & TECHNICAL SKILLS

Certified individuals have demonstrated verified physical proficiency and theoretical mastery across the following core technical domains:

Fiber Theory & Optical Infrastructure

Fiber Types: Comprehensive knowledge of Singlemode (OSP) and Multimode (ISP) fiber construction and application physics.

Signal Performance: Clear understanding of wave attenuation, optical reflection, refraction, and modal/chromatic dispersion factors.

Cable Architecture: Practical familiarity with loose-tube, tight-buffered, distribution, trunk, and feeder cable structures

TERMINATION & CONNECTORIZATION

Connector Styles: Mastery of industry-standard interfaces including ST, SC, LC, and FC connectors.
Methodologies: Proficient in mechanical termination techniques using epoxy/polish, anaerobic, and hot-melt bonding procedures.
Endface Evaluation: Expert handling of optical inspection scopes to identify defects, dirt, or scratches per TIA/EIA-455-57B standards

SPLICING TECHNOLOGIES

Fusion Splicing: Precision operation of fusion splicers for automated core/cladding alignment and low-loss permanent joints.
Mechanical Splicing: Correct deployment of mechanical splices for emergency restorations and temporary links.
Enclosures: Skillful management of fiber routing inside distribution patch panels and splice trays

TESTING, DIAGNOSTICS & QUALITY ASSURANCE

Optical Loss Testing (OLTS): Executing Tier 1 insertion loss testing and power meter diagnostics using TIA/EIA-526-14A standards.
Fault Location: Rapid troubleshooting using Visual Fault Locators (VFL) and continuity testers to detect microbends and breaks.
OTDR Analysis: Fundamental understanding of Optical Time Domain Reflectometer (OTDR) trace analysis to evaluate splice signatures and event distances

INDUSTRY COMPLIANCE & SAFETY

National Standards: Alignment with TIA/EIA-568C, ITU-T G.652, and Telcordia GR-326 infrastructure guidelines.

Electrical Codes: Complete adherence to Articles 770 (Optical Fiber Cables) and 250 (Grounding) of the National Electrical Code (NEC).

Field Safety: Strict compliance with laser safety procedures, safe glass fiber shard disposal, and chemical handling regulations

CERTIFICATION FRAMEWORK & STRUCTURE

Accreditation: ISO/IEC 17024 compliant and ICAC accredited.

Evaluation: Comprehensive proctored written examinations paired with mandatory hands-on practical skills testing.

Validity & Maintenance: Certifications remain valid for 4 years, maintained via continuing education hours and active field verification

THE TRAINING & COORDINATION

ROBERT LUSIBA: ETA-I National Representative for Uganda

TRAINING VENUE:

Namirembe Guest House, Plot 1085 Willis Road Namirembe , Kampala, Uganda,

THE PARTNERS;

For Registration Details, Kindly drop us email, at the address below;

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REGISTRATION FORM

Client ID/NATIONAL ID/PASSPORT #: _____ NATIONALITY:_____

Please complete this form and send to info@fiber-technologies.com

COURSE APPLIED FOR (Tick Where Appropriate)

FOI			

Full Name(s): _____

Email: _____ Gender: ☐Male ☐Female

Home Phone: _____ Mobile Phone: _____ Other: _____

Register today to secure your spot for the upcoming training session. Complete payment instructions and billing details will be shared with all registered participants in due course.

ETA International (ETA-I) certification courses and credentials remain valid for a period of four years. Demonstrating a commitment to global industry benchmarks, these certifications are **ISO/IEC 17024 accredited** and fully approved by the **International Certification Accreditation Council (ICAC)**, ensuring the highest standards of professional competence and technical excellence