THE ENERGIZE FRAMEWORK

A JOBSITE-INSPIRED TEACHING METHOD

ENERGIZE4US
EDUCATION & TRAINING

OVERVIEW

The Energize Framework is a structured, real-world learning approach designed to ensure that tradespeople learn in the most effective way—through experience, order of operations, and jobsite application. It is a teaching method built by tradespeople, for tradespeople, focusing on how skills are applied in the field rather than just on theoretical knowledge.

This framework can be used across all trades, including electrical, solar, plumbing, HVAC, and general construction, ensuring that learning is structured, repeatable, and aligned with real-world jobsite sequences.

CORE PRINCIPLES OF THE ENERGIZE FRAMEWORK

- **Order of Operations Matters:** Just like on a jobsite, you can't install conduit before the framing is up. The same applies to learning—concepts must build upon each other in the right sequence.
- **Hands-On Learning First:** Tradespeople learn best by doing, not just by reading or sitting in a classroom. Every lesson should connect to real-world jobsite tasks.
- **Visual & Experience-Based Training:** If tradespeople don't see it, they won't remember it. Blueprints, diagrams, mockups, and live demonstrations are core to this method.
- **Application Over Memorization:** Learning should be tied to how a task is performed in the field. Every course should answer: How does this apply to my work?
- **The Sequence is Adaptable:** The framework provides a clear learning flow, but it can be adjusted to fit different trades and industries.

THE 7-STEP STRUCTURE OF THE ENERGIZE FRAMEWORK

The framework follows a structured, jobsite-inspired sequence that applies to all trades. Every training topic fits into this process:

1. THE CONTRACT

- Every project starts with a contract—clear expectations, scope, and objectives must be established before work begins.
- In training, this means defining learning objectives, skill expectations, and course outcomes.

Example: Before installing electrical service, an electrician must review blueprints, voltage requirements, and job specifications.

2. THE FOUNDATION

- Just like a structure needs a strong foundation, tradespeople need core knowledge before they can start working.
- This phase includes safety, fundamental principles, tool usage, and worksite preparation.

Example: Before wiring a panel, an electrician must understand NEC code, conductor sizing, and breaker selection.

3. THE STRUCTURE

- The structure is where all core components come together.
- In training, this means understanding materials, systems, and industry best practices.

Example: A plumber must understand pipe sizing, water pressure, and fixture installation before running lines.

4. The Blueprint

- Before any work starts, professionals follow a plan or a codebook to ensure compliance and efficiency.
- This phase focuses on reading schematics, understanding industry regulations, and mapping system layouts.

Example: An HVAC technician must know ductwork layouts and airflow calculations before installation begins.

5. THE INSTALLATION

- This is the hands-on, skill-building phase where actual trade skills are applied in a controlled environment.
- Every installation must follow best practices and safety protocols.

Example: An electrician installs a service panel, following torque specifications and load calculations.

6. THE INSPECTION

- In every trade, work must be tested and inspected before being signed off.
- In training, this phase includes troubleshooting, quality checks, and real-world problem-solving.

Example: A solar installer uses a multimeter and IV curve tracer to verify system performance before commissioning.

7. THE PROJECT CLOSEOUT

- A project isn't complete until it has been finalized, documented, and turned over to the client.
- In training, this includes certifications, record-keeping, jobsite cleanup, and customer education.

Example: A general contractor walks a client through the final build, providing warranty details and maintenance instructions.

HOW THE ENERGIZE FRAMEWORK WILL BE USED

This method applies to all aspects of the trades, ensuring that every training program is structured for real-world success:

- **Apprenticeship Programs:** Teaching entry-level tradespeople through structured, hands-on jobsite learning.
- **Instructor Training:** Ensuring that instructors follow the correct sequence and best practices.
- **Certification Courses:** Designing trade certification programs using The Energize Framework's step-by-step process.
- **Workforce Development:** Upskilling existing tradespeople by focusing on practical skills, not just theory.

WHY THE ENERGIZE FRAMEWORK MATTERS

1. **It's Built for Tradespeople:** The method was designed by tradespeople, for tradespeople, ensuring it aligns with how the field actually operates.
2. **It Creates Stronger Workers:** Tradespeople trained under this framework will retain more knowledge, perform tasks efficiently, and work safely.
3. **It's Adaptable**: Whether for electrical, solar, plumbing, HVAC, or general contracting, this framework follows the natural jobsite workflow.
4. **It Standardizes Training**: Instead of scattered lessons, The Energize Framework provides a structured approach that ensures consistency across different programs.

By implementing The Energize Framework, we create a new standard for trade education, ensuring that every tradesperson is trained in a way that is practical, hands-on, and built for the real world.