

# Amp Academy — Overview

## Amp Academy

### OVERVIEW · 2026-06-20

#### Electrician training that proves

you learned it.

A family of free, installable, works-offline courses and tools — with a verified NEC load calculator and an AI helper (Ask Sader) built never to fabricate code values. Designed and shipped with Claude in Cowork by a tradesman, for the trade. Ready for individual learners today; built to drop into a real institutional program.

### WHAT'S BUILT

#### Campus — one home for every course, entitlement-aware

##### LIVE

Journeyman — NEC 2017 / 2020 / 2023 / 2026 editions, calc embed +

##### LIVE

honest Ask Sader

Mastering the Multimeter — 8 lessons, 3 labs, earned certificate

#### Residential Estimating — quick-class + working estimator

##### LIVE

##### LIVE

Electrical Code Coach — full NEC exam prep (Amp Academy × The Electrical Code Coach)

##### LIVE

Load Calculator — Article 220, shows every step, cites the section

##### LIVE

edex backend — roster · entitlement · verified completion ·

##### BUILT

gradebook (FERPA-first)

Verifiable Video Lesson — checkpoints + gated completion (the

## **BUILT**

### **IBEW wedge)**

Master / Lineman — authoring scaffolds (content pending SME)

## **IN AUTHORIZING**

## **WHY IT'S DIFFERENT**

**Free, offline, private**

**Verifiable completion**

**Installs to any phone, tablet, or lab**

**Completion is earned on a real**

**PC; runs with no signal; no logins, no**

assessment — and our video lessons

ads, no student data collected by

require active-recall checkpoints.

default. A genuine privacy posture,

**The opposite of "hit play and walk**

not a checkbox.

away." Recorded, for programs that

must prove it.

**An honest Ask Sader**

**One consistent platform**

**Answers cite the Code and defer to**

**Every course looks and works the**

the printed NFPA 70. It will not

same — learn the interface once,

invent a value — by design.

carry it into the next course. Adopt it

as a standard, not a one-off.

## FOR INSTITUTIONS (BASD · IBEW · JATC · EMPLOYERS)

The edex backend turns the free tools into a program you can run: enroll a rostered cohort, assign courses, and get auditable, verifiable completion — per student, per course, per cohort, instructor-led. Privacy-first and built to a FERPA standard. (Student-data features activate after legal sign-off.) Pilot-ready.

## WHO'S BEHIND IT

Founder Michael Lukas previously authored an NSF SBIR proposal and built [quipuapps.com](http://quipuapps.com) — an entrepreneurship-education platform developed with input from Dr. Alex Osterwalder, creator of the Business Model Canvas. The evaluation-and-curriculum method behind Amp Academy isn't a first try; it's a decade-refined approach, now rebuilt for the trades with Claude in Cowork.

## THE VENTURE

Amp Academy is its own partnership of three. It licenses the underlying technology (the verified calc engine, the Ask Sader relay, the course platform, the edex backend) from LUKAS\_APPS — the maker's house behind it.

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Amp Academy · honest-state — no accreditation, pass-rate, or endorsement claims. Ask Sader cites the Code and defers to your printed NFPA 70.