

Amp Academy — Instructor Guide

INSTRUCTOR GUIDE · V 1 · 2026-06-20

Amp Academy — Instructor Guide

Run Amp Academy with a cohort: the consistent-platform teaching model, enrolling students, assigning courses, and tracking verifiable completion + verifiable video.

For instructors & program leads · IBEW / JATC / BASD / employer programs.

1 · The teaching model

Every Amp Academy course looks and works the same — Ask Sader always bottom-right, identical navigation, the calculator behaves the

same way. Students learn the interface once and carry it into every course: less hand-holding, faster starts. That consistency is why a

program adopts Amp Academy as its standard, not a one-off.

The verifiable difference: most training video lets a student press play and walk away. Amp Academy gates completion on a real assessment,

and video lessons require active-recall checkpoints — so “complete” means learned, and it’s recorded.

2 · Setting up a cohort

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Create your cohort in the edex Instructor Console and add (or roster-import) students.

Assign the term’s courses (e.g., Journeyman NEC 2023 + the Multimeter quick-class).

Share the Campus link; students install and sign in to your cohort.

4 Watch progress and verifiable completion roll in as they work.

edex · Instructor Console (roster + gradebook)

■ Light

edex — Instructor Console roster · verifiable completion · gradebook

Cohort: BASD Demo Cohort

PREVIEW · SYNTHETIC DATA

STUDENT

COURSE

STATUS

SCORE

VIDEO✓

Sample Student

Multimeter

✓ Complete

A. Demo

B. Example

Journeyman 2023

In progress

Journeyman 2023

88%

—

91%

✓

—

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· page 1

C. Trainee

Estimating

In progress

—

✓ Complete

✓

—

edex is built and staged but not yet deployed with real student data — student records activate only after counsel (FERPA/DPA) sign-

off. Rows above are synthetic.

Preview UI · synthetic cohort. Activates with real students only after FERPA/DPA sign-off.

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· page 2

3 · What you can see

SIGNAL

WHAT IT TELLS YOU

Course progress

How far each student is through assigned material.

Assessment score

Earned score on each graded quiz (pass = certificate unlock).

Verifiable completion

A recorded, auditable mark that the student finished and passed.

Video checkpoints

Active-recall checks answered during video lessons — proof of attention, not playback.

4 · The Ask Sader in your classroom

The Honest Ask Sader is a teaching aid, not an answer key. It cites the Code and defers to the printed NFPA 70 — reinforcing the habit you

want: look it up, confirm it. It won't fabricate a value, so it won't teach a wrong one.

Honest Ask Sader · in a lesson

■ Light

NEC 2023 · Article 220 — Branch-Circuit, Feeder & Service Calculations

Dwelling Unit — General Lighting Load

General lighting load for a dwelling is computed at 3 VA per ft² (220.12). The first 3,000 VA is taken at 100%, the remainder at 35%

(220.42 demand factors)...

Lesson 4 of 12 · Sample Student

Honest Ask Sader

What demand factor applies to the first 10 kVA of dwelling general load?

For a dwelling's general lighting + receptacle load under the standard method, the first 3,000 VA is at 100%, then

3,001–120,000 VA at 35%. Apply per Table 220.42.

→ NEC 220.42 · confirm against your printed NFPA 70 (NEC).

Thanks!

Representative UI · demo exchange.

5 · Certificates

When a student passes, Amp Academy issues a certificate with a verification id; for rostered cohorts these are auditable through the console.

Certificate

■ Light

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AMP ACADEMY · CERTIFICATE OF COMPLETION

Mastering the Electric Multimeter

Sample Student

earned a passing score of 88% on the final assessment

Issued 2026-06-20 · verification id: AA-DEMO-7F3K · demo

Representative UI · demo certificate.

Student-record features (roster, gradebook, stored completion) are part of the optional edex backend — built and staged but not yet live with

real student data. It activates only after your institution's counsel completes the FERPA / data-protection review. Until then, run the free courses;

completion is local to the device.

Amp Academy is a study aid — not a substitute for the printed NFPA 70 (NEC) — and makes no accreditation, pass-rate, or endorsement claims.

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