

CURRENTLINE ELECTRICAL

Wired to Pass

Your Path to the License

The study map and exam-day plan

Built against the 2023 National Electrical Code · National scope · BAR GOLD

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A path, not a pile. Here is the whole journeyman scope laid out in the order that builds on itself — and exactly which chapters to reach for.

3.1 The map — eight exam domains, keyed to your manual

The practice exam is built on eight domains. Each one is taught by specific chapters of the Master Manual. Study the chapters, then test the domain:

Exam domain	Manual chapters that teach it	Qs
Definitions & General	Ch 5 Codebook · Ch 6 Art 100 · Ch 7 Art 110	15
Branch / Feeder / Service	Ch 8 Branch·Feeder·Service · Ch 9 Overcurrent · Ch 10 Conductor sizing	25
Grounding & Bonding	Ch 11 Article 250 (full chapter)	15
Wiring Methods	Ch 12 Wiring methods · Ch 13 Box & conduit fill	20
Equipment, Motors & Transformers	Ch 14 Equipment · Ch 15 Motors · Ch 16 Transformers · Ch 17 HVAC	20
Special Occupancies	Ch 18 Special occupancies · Ch 19 Special equipment · Ch 20 Systems	10
Theory / AC / Math	Ch 2 Theory · Ch 3 AC · Ch 4 Trade math · Ch 10 Vdrop	10
Safety	Ch 21 OSHA & NFPA 70E	5

Three more chapters carry the whole way through: **Ch 1** (exam strategy), **Ch 22** (the calculation workbook), and **Ch 23** (quick-reference tables). Keep them close.

3.2 A study sequence that builds on itself

Block 1 — Foundation

Ch 1–5 plus Theory and Math (Ch 2–4). Learn the codebook cold and get the math automatic before anything else. Everything downstream rests on this.

Block 2 — Core code

Ch 6–13: definitions, general requirements, branch/feeder/service, overcurrent, conductor sizing, grounding and bonding, wiring methods, and fill calcs. This is the heart of the exam — give it the most time.

Block 3 — Equipment & systems

Ch 14–20: equipment, motors, transformers, HVAC, special occupancies and special equipment. Heavy on Article 430 — work every motor problem the four-piece way.

Block 4 — Safety & full rehearsal

Ch 21 safety, then live in the reader. Take full timed runs, read every rationale, and target your weak domains until the score holds.

3.3 How to use your practice attempts

- Take a **full, timed** run first — no notes — to get an honest baseline.
- Read **every** rationale afterward, right and wrong, and follow the chapter tie-backs.
- Use the **score-by-topic** to pick your next study block — spend your time where the points are leaking.
- **Reshuffle and retake.** When you clear it at **85% or better twice in a row**, you're carrying a real cushion above the 75% line — that's ready.

3.4 Exam-day plan

- **Bring** a tabbed 2023 NEC codebook and a permitted calculator. Know your tabs by feel.
- **Pace** for 120 questions in 4 hours — about two minutes each. Answer the ones you know, flag the rest, and circle back.

- **Never leave a question blank.** A flagged, reasoned guess beats an empty box every time.
- **Set up calculations first, plug numbers last** — it's how you avoid the careless misses.

The Currentline standard for ready

When you can clear this exam at 85% twice in a row, with the clock running and the choices reshuffled — you don't hope you'll pass. You know it. That's the whole point. Wired to pass.