

SIERRA COLLEGE

Final Review

Energy Instructor

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Final Exam Review

- 50 questions
- Same format as the midterm
- 60% midterm material / 40% rest of class material (see below)
- Open book / open notes
- Topics
 - Electrical Safety
 - Ampacity Calculations (same ten step format as midterm)
 - Voltage Drop Calculation
 - 3 phase power, wiring, inverters used in 3-phase systems
 - Transformers
 - Conduit, types, bending, sizing
 - Grounding concepts, grounding definitions, GFI versus GFCI
 - PV ground requirements, grounding design
 - Class Project - Site assessment, design parameters, equipment