

# Dwelling Unit Requirements

## *Presentation Outline*

<b>Topic</b>	<b># of Slides</b>	<b>Time</b>
Part 1 – Intro & General Requirements	85	90
Part 2 – Dwelling Unit Calculations	31	60
Part 3 – Service Entrance	55	60
Part 4 – Grounding & Bonding	62	60
Part 5 – Cabinets, Enclosures	27	30
Part 6 – Feeders, Overcurrent Protection	70	60
Part 7 – Power and Lighting Distribution/Branch Circuits	152	90
Quiz		30
Total	482	480

Source Material: 2017/2020 NEC  
*One and Two-Family Dwellings* by IAEI

Objective: Gain a thorough understanding of Layout, Circuit requirements, and appropriate wiring methods for dwelling units along with an overview of the basis for load calculations.

Metrics for evaluation: Quiz and class participation in calculation examples with provided worksheets