# **2020 NEC Electrical Calculations & Master Exam Prep Course**

This course will cover calculations for branch circuits, feeders, motors, single and multi-family dwellings, commercial properties, stores, voltage drop, fault current, demand factors, neutral loads, calculations based on square footage, transformers, generators, track lighting, show window, appliances, etc.

Proven test taking techniques and strategies are taught, which are necessary to pass the exam. Calculations for this class contain solid and proven exam prep instruction.

The Mike Holt Prep workbook covers:

* Understanding Continuous loads, Branch Circuits, Ampacity and Correction factors for Ambient temperatures
* Neutral conductors, Conductor terminations per 110.14(C)
* Advantages of using 90 degree Celsius conductors (THHN)
* Calculating Motor Overload protection along with Overcurrent protection and wire sizing for the branch circuit and feeder for Single phase and Three phase Motors
* Sizing Tap conductors and associated rules
* Box/Conduit Sizing along with Straight pulls, Angle pulls and U pulls for conductor sizes #4 and larger
* Residential and Commercial Cooking Equipment
* Calculating Feeders and Services for Mobile Homes, Trailer Parks and Marinas
* Calculating Commercial & Dwelling service sizes
* Sizing Feeders For Commercial and Multi-Family Buildings
* Paralleling Conductors and understanding its rules
* Panelboard Sizing, & MORE!
* Transformers
* Theory
* Test Taking Techniques and Strategies
* And much, much more

This is an extensive calculation class mainly from articles 210, 215, 220,230,240, which will thoroughly prepare you for the master electrician's exam. This is also for those individuals wanting to take a refresher course on calculations and related codes.

Learn from a dynamic, proven and experienced professional teacher. Do not put your future or your profits in the hands of amateurs or ineffective unqualified teachers. All that is required is a 2020 code book, calculator, highlighters, basic math skills and a strong committed desire to work hard.