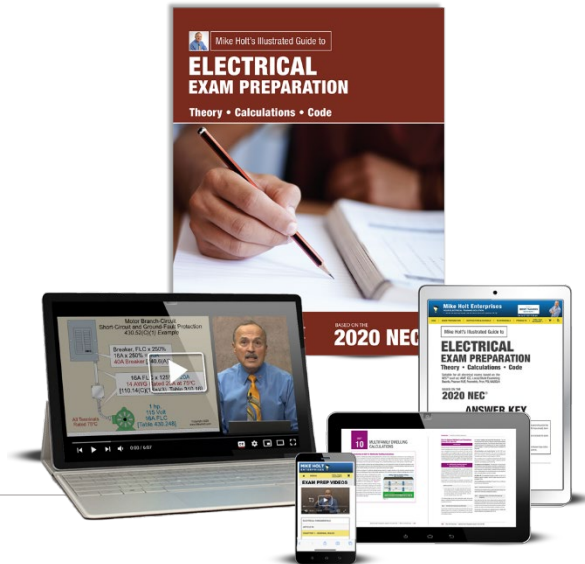


Electrical Calculations Training Library

Based on the 2020 NEC®

VIDEO USER GUIDE

Play Time Total 24:53:54



2020 Electrical Calculations - Video Play Time

	<u>Play Time</u>	<u>Book Page #</u>
INTRODUCTION	[0:08:20]	
CHAPTER 2 – NEC CALCULATIONS		page 123
Unit 5—Raceway and Box Calculations	[3:33:41]	page 125
Part A—Raceway Sizing	[2:05:48]	
Part B—Outlet Box Fill	[1:00:13]	
Part C—Pull Boxes, Junction Boxes, and Conduit Bodies	[0:27:38]	
Unit 6—Conductor Sizing and Protection Calculations	[4:46:02]	page 167
Part A—Conductor Requirements	[1:44:46]	
Part B—Conductor Ampacity.....	[3:01:16]	
Unit 7—Motor, Air-Conditioning, and Transformer Calculations	[4:29:58]	page 215
Part A—Motor Calculations.....	[3:14:28]	
Part B—Air-Conditioning Calculations	[0:14:31]	
Part C—Transformer Calculations.....	[1:00:59]	
Unit 8—Voltage-Drop Calculations	[3:21:28]	page 265
Part A—Conductor Resistance Calculations.....	[1:15:47]	
Part B—Voltage-Drop Considerations.....	[1:48:27]	
Unit 9—Dwelling Unit Calculations	[2:52:47]	page 299
Part A—Optional Method Load Calculations		
[Article 220, Part IV].....	[1:18:17]	
Part B—Standard Method Load Calculations		
[Article 220, Part III]	[1:13:18]	
Part C—Neutral Load Calculations.....	[0:21:11]	



	<u>Play Time</u>	<u>Book Page #</u>
Unit 10—Multifamily Dwelling Calculations	[2:48:11] page 335
Part A—Optional Method Load Calculations		
[Article 220, Part IV]	[0:24:41]	
Part B—Standard Method Load Calculations		
[Article 220, Part III]	[1:41:00]	
Part C—Neutral Load Calculations	[0:42:29]	
Unit 11—Commercial Calculations	[2:53:27] page 375
Part A—General	[1:43:02]	
Part B—Examples	[0:20:03]	
Part C—Optional Method—New Restaurant Feeder/Service		
Load Calculations	[0:25:35]	
Part D—Welders	[0:24:47]	

