

METER ELECTRICIAN APPRENTICE

8/18

Special Note: 949-733-2874 foretim1@pacbell.net

Base Program

Course Title	Course Number	Course Duration	Study Unit
Formulas	186307	5 hours	Print
Algebra	2469A-E	50 hours	Print
Practical Geometry and Trigonometry	5567	10 hours	Print
Metric System	186306	5 hours	Print
Electricity	4210A-C	30 hours	Print
Electricity and Magnetism, Part 1	4010A	10 hours	Print
Electricity and Magnetism, Part 2	4010B	10 hours	Print
Working Safely with Electricity	186111	10 hours	Print
Getting Started as an Electrician	006025	10 hours	Print
Electrical Blueprint Reading	006036	10 hours	Print
Reading Electrical Schematic Diagrams	006022	10 hours	Print
Principles of AC Circuits	4018A-D	40 hours	Print
Electric Power Substations	6590A-B	20 hours	Print
Switchgear	086092	10 hours	Print
Electrical Grounding	086E01	25 hours	Print
Introduction to Microprocessors	Block B11	28 hours	Print
Introduction to Computers	B1101	(7 hours)	Print
Introduction to Microprocessor Applications	B1102	(7 hours)	Print
Microprocessor Basics, Part 1: Underlying Principles and Concepts	B1103	(7 hours)	Print
Microprocessor Basics, Part 2: Overview of What's in a Microprocessor	B1104	(7 hours)	Print
Progress Examination	B1121	(0 hour)	Print
Progress Examination Booklet	B1120	(0 hour)	Print
Instrument Transformers	6793	10 hours	Print
Electric Power Measurements	4019A-B	20 hours	Print
Electrical Measuring Instruments	4146A-C	30 hours	Print
Electrical Wiring Practices	086E02	20 hours	Print
National Electrical Code (Code and Textbook Course)	5177EM	60 hours	Print
Local Distribution of Electrical Power	006038	10 hours	Print
Basic Electronic Components and Schematic Symbols 2020		10 hours	Print

Estimated Total Curriculum Duration: 443 hours.

Number of Exams: 50.