

Residential/Commercial/Industrial Electricity Course Outline

Description	Course	Cust. Hrs
Electrical Safety & Orientation	RWT-0110	60 hrs
Technology Foundations	RWT-0120	30 hrs
Ohms Law	RWT-0130	60 hrs
Circuits	RWT-0140	90 hrs
Alternating Current	RWT-150	60 hrs
Measuring Instruments	RWT-0160	40 hrs
Trouble Shooting	RWT-170	92 hrs
Conduit Bending	RWT-0210	60 hrs
Blue Print Reading	RWT-0220	60 hrs
Transformers	RWT-0230	120 hrs
Single Phase Motors	RWT-0240	30 hrs
Worker Ethics	RWT-0250	30 hrs
Calculation of Loads	RWT-0260	102 hrs
Over Current Protection	RWT-0270	30 hrs
Wiring Techniques	RWT-0310	352 hrs
Codes	RWT-0320	60 hrs
Solar Photovoltaic	RWT-0410	90 hrs
Industrial Automation	RWT-0420	60 hrs
Fiber Optics	RWT-0430	60 hrs
PLC's	RWT-0440	120 hrs
Three Phase Motors	RWT-0450	30 hrs
Motor Controls	RWT-0460	92 hrs
Residential/Commercial/Industrial Electrician Diploma		1728 hrs

Residential/Commercial/Industrial Electricity Cost Sheet

1ST Trimester

Maintenance/Tech & Activity Fees	1,216.00
Tools & Supplies (approx.).....	344.00
Books	269.00
Safety Glasses	3.00
Total	<u>\$1,832.00</u>

2nd Trimester

Maintenance/Tech & Activity Fees	1,216.00
Books	49.00
Tools & Supplies (approx.).....	240.00
Total	<u>\$1,505.00</u>

3rd Trimester

Maintenance/Tech & Activity Fees	1,216.00
Books	216.00
Tools & Supplies (approx.).....	700.00
Total	<u>\$2,132.00</u>

4th Trimester

Maintenance/Tech & Activity Fees	1,216.00
Total	<u>\$1,216.00</u>

Total Program Cost (approximately).....\$6,685.00

This list of fees covers the period from September 1, 2016 to August 31, 2017. All book, tool, and supply costs are approximate and are subject to change. The actual time for completion may vary from student to student.

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