

# **ElectricU Curriculum**

Courses and Tests Completed as of July, 2010

and includes associated PECGs and PEFs

## 01000 Substations

### Substation Courses & Tests Completed

1. ELEC-01302 Substation Safety (Basics)
2. ELEC-01400 Substations: Theory and Applications – Equipment Recognition

## 02000 Overhead Systems and Components

### Overhead Courses & Tests Completed

1. ELEC-02001 Climbing Basics – Wood & Steel Poles and Lattice Structures
2. ELEC-02010 Frame and Set Pole for Primary Distribution Circuit
3. ELEC-02012 Conductor Stringing for New Construction Distribution Circuits
4. ELEC-02013 Install Pole-Top Equipment on Energized Primary Distribution Circuits
5. ELEC-02150 Street Lighting
6. ELEC-02301 Overhead Line Equipment Recognition

## 03000 Underground Systems and Components

## 04000 Services, Secondaries

## 05000 Metering

### Metering Courses & Tests Completed

1. ELEC-05010 Single Phase Metering Self Contained Socket Base-Basics
2. ELEC-05011 Single Phase Metering Self Contained A-Base-Basics
3. ELEC-05020 Single Phase Metering Transformer Rated - Socket or A-Base – Basics
4. ELEC-05030 Three Phase Metering Self Contained Socket Base – Basics
5. ELEC-05031 Three Phase Metering Self Contained A-Base – Basics
6. ELEC-05040 Three Phase Metering Transformer Rated - Socket or A-Base-Basics
7. ELEC-05050 Instrument Transformers - Current and Potential Transformers for Electric Metering – Basics
8. ELEC-05101 Metering Diversion and Theft of Service
9. ELEC-05102 Investigate Voltage Problems Single Phase Metering

10. ELEC-05104 Investigate High Bill Complaints Single Phase Metering
11. ELEC-05106 Investigate High Bill Complaints Three Phase Metering
12. ELEC-05300 Meters & Metering Applications Fundamentals
13. ELEC-05301 Electro-Mechanical Meters Maintenance - Repair and Adjustment

06000 Transmission Systems

07000 Distribution Systems

08000 Electric Utility Fundamentals

09000 Electrical Components

10000 Tools and Equipment

11000 Safety, General

Safety Courses & Tests Completed

1. ELEC-11000 Introduction to OSHA Standards
2. ELEC-11001 First Aid
3. ELEC-11002 Fire Extinguisher Safety
4. ELEC-11003 Hazardous Materials
5. ELEC-11004 Hazmat Emergency Response
6. ELEC-11005 Blood borne Pathogens
7. ELEC-11006 Radio Frequency Awareness
8. ELEC-11008 Worksite Protection - Traffic Control
9. ELEC-11009 Lockout and Tagout
10. ELEC-11010 Clearances
11. ELEC-11011 Vehicle & Equipment Operating Safety
12. ELEC-11100 Personal Protective Equipment
13. ELEC-11101 Personal Protective Grounding – General Requirements
14. ELEC-11102 Personal Protective Grounds - Overhead Circuits
15. ELEC-11103 Personal Protective Grounding – Underground Circuits
16. ELEC-11104 Arc Flash Hazards & Fire-Resistant Clothing
17. ELEC-11106 Electric Safety
18. ELEC-11107 Working On or Near Energized Parts
19. ELEC-11201 Locating Underground Distribution Circuits and Services
20. ELEC-11202 Backfeed
21. ELEC-11203 Railroad Right of Way Worker Safety

## 12000 General Support Skills/Miscellaneous

### General Support Skills Courses & Tests Completed

1. ELEC-12101 Prints, Diagrams
2. ELEC-12105 Conducting Effective Tailgate Sessions
3. ELEC-12107 Rigging, Slings & Ropes