

# Continuing Education Registry

## Electrical Courses Approved

November 10, 2021 – December 7, 2021

### **Electrical Contractors Inc**

*NEC Theory & Updates - Course #: 16859*

Electrician Core Hours: 8.0

### **JADE Learning**

*2020 NEC Changes Part 1 - Course #: 18519*

Electrician Core Hours: 8.0

### **JADE Learning**

*2020 NEC Changes Part 1 (Homestudy) - Course #: 18521*

Electrician Core Hours: 8.0

### **JADE Learning**

*2020 NEC Changes Part 2 - Course #: 18523*

Electrician Core Hours: 8.0

### **JADE Learning**

*2020 NEC Changes Part 2 (Homestudy) - Course #: 18525*

Electrician Core Hours: 8.0

### **Mike Holt Enterprises, Inc**

*2020 Bonding and Grounding Online Course - Course #: 18531*

Electrician Core Hours: 8.0



# MONTHLY ACTIVITY REPORT

**Board Name:**

Electrical Licensing Board

**Reporting Month:**

December 16, 2021

**Pass Rates / Number of Candidates Tested**

- Report Attached

**Project Updates**

- Residential Motor Control Project      New project in place at all locations, pass rate 54%

**Test Center Capacity**

- |  | Available seats over the next 21 days   |
|--|---|
| • Examroom (at-home testing)   | 1 day out   |
| • Practical Exam Centers (Prov)<br>*Reducing testing dates for off-season. | Layton: Openings in less than 1 week out<br>Sandy*: Openings in less than 1 week out<br>Provo*: Opening in less than 1 week out<br>St. George: Scheduling less than 2 weeks out (testing every 2 weeks) |
| • College Test Centers-written   | 2 days out  |

**Follow-up Discussion**

- Conduit Grading – holding projects for 2 weeks with the review costing \$68
- Difference between the NASCLA Journeyman vs. Master: 521 items in the Master exam. 435 of those items are also present in the Journeyman exam.
- NASCLA Electrician exams do now allow for online proctoring (At home testing).
- Master Exams Discussion – Options discussed: Journeyman/Master required to take an all-encompassing Utah Electricians Code and Utah Electricians Theory exam (formerly known as Journeyman exams) -OR- the NASCLA Journeyman and the NASCLA Master exams -OR- Master required to take the Utah Law and Rule exam

**Testing Events or Issues**

A recent pattern of candidates bypassing the retest eligibility date by creating multiple profiles using slightly altered social security numbers. Resolution identified: Create a tri-authentication process with a hard stop that prevents a candidate from scheduling with a second account.

Exam Code	Test Name	# Candidates	# Pass	# Fail	% Pass	Avg Score
85504P2	UT - 4-way Light Switch	94	68	26	72 %	82
85504P6	UT - Conduit Bending	109	44	65	40 %	56
85504P4	UT - Motor Control	123	57	66	46 %	46
85506P4	UT - Motor Control	1	1	0	100 %	100
85506P4	UT - Motor Control Residential	35	22	13	63 %	63
85504P3	UT - Schematic Plan	88	63	25	72 %	72
85504P1	UT - Torque Settings	86	75	11	87 %	90
85504P5	UT - Transformer Termination	74	66	8	89 %	88
85504A	Utah Journeyman Electrician Code	115	44	71	38 %	70
85504B	Utah Journeyman Electrician Theory	89	46	43	52 %	74
85502A	Utah Master Electrician Code	21	17	4	81 %	79
85502B	Utah Master Electrician Theory	29	14	15	48 %	74
85506A	Utah Residential Journeyman Electrician Code	46	13	33	28 %	67
85506B	Utah Residential Journeyman Electrician Theory	34	17	17	50 %	74
85503A	Utah Residential Master Electrician Code	8	4	4	50 %	73
85503B	Utah Residential Master Electrician Theory	3	2	1	67 %	78

## NASCLA EXAM DOMAIN NAMES

### Journeyman vs. Master

	Journeyman	Master
Basic Electrical Safety	8	9
Special Conditions and Communication Systems	2	2
Electrical Theory & Principles	10	11
Equipment for General Use	10	13
General Code Requirements	15	17
Interpreting Plans and Specifications	6	
Project Design & Management		8
Special Occupancies and Special Equipment	8	8
Testing and Troubleshooting	7	
Wiring & Protection	18	17
Wiring Methods & Materials	16	16

### Additional Information

Size of the exam bank	512	521
Number of unique questions	77	86
Percentage of unique items	15%	16%