

Social Media Posts using Images:



It's that time of year again! Spring Home Improvement season! Even DIYers need an expert now and again, and we have the perfect tool for the job: DOPL's free Verify a License search.

Before you hire anyone or sign anything, check that the contractor you're planning to hire has a license. Go to dopl.utah.gov and click on "Verify a License". Type in any name to check for a license.

#VerifyaLicense #DOPL #UtahCommerce



The right tool can make all the difference on a project. If your spring home improvement project includes hiring a licensed professional, we have the right tool for the job: the Division of Professional Licensing's Verify a License free online search.

This time of year, homeowners are bombarded with great deals on home improvement projects. Remember, if it seems too good to be true, it probably is. You can find out if someone offering contractor services has the education and skills needed for the job by checking if they're licensed. Simply go to dopl.utah.gov, click on "Verify a License", and type in the individual's name.

#VerifyaLicense #DOPL #UtahCommerce



Plumbing disasters require an expert fix. Make sure the plumber you hire has a license or you could find yourself under water in more ways than one.

Use the Division of Professional Licensing's free online Verify a License tool before you hire. Simply visit dopl.utah.gov, click on "Verify a License", and search the plumber's name to find out if they're licensed.

#VerifyaLicense #DOPL #UtahCommerce



There are some fixes you just can't (or shouldn't) do yourself. When it involves electricity, trust a licensed electrician to do the job.

Make sure an electrician is licensed before you hire. You can verify a license for free by visiting dopl.utah.gov, clicking on "Verify a License", and typing in a name.

#VerifyaLicense #DOPL #UtahCommerce

Social media posts using our commercials:

<https://drive.google.com/file/d/1geppL4Guuyo4b-Jm6HTE4rjmgTtYClvc/view?usp=sharing>

<https://drive.google.com/file/d/1Lm6AkB6VjnWdmUg13C8cu8UJ47vff9Zs/view?usp=sharing>

https://drive.google.com/file/d/1EVm0nnhKtRI4P40Q890uGC7M4Mh_6_-K/view?usp=sharing

Everyone loves a great deal, especially on costly spring home improvement projects. This year, be like the Jensens. Visit dopl.utah.gov and use the Division of Professional Licensing's free Verify a License tool to make sure the plumber, electrician, or contractor you're hiring has a license.

#VerifyaLicense #DOPL #UtahCommerce

Continuing Education Registry

Electrical Courses Approved

March 10, 2022 – April 12, 2022

Eastern Idaho Electrical JATC

2020 NEC Significant Changes - Course #: 18981

Electrician Core Hours: 8.0

Applied Codeology - Course #: 19031

Electrician Core Hours: 8.0

2020 NEC Significant Changes correspondence course - Course #: 19029

Electrician Core Hours: 16.0

EEAT / Searle Electric

Practical Applications of NEC Code - Course #: 18977

Electrician Core Hours: 8.0

Electrical-License-Renewal.com

2020 NEC Updates w/4hrs NFPA 70E - Course #: 19001

Electrician Core Hours: 16.0

Home Builders Association of Utah

How to Navigate the NEC - Course #: 19019

Electrician Core Hours: 8.0

NEC Changes/NFPA 70E (4 hr)/1 hr NRG Code - Course #: 19017

Electrician Core Hours: 8.0

Lightwave Learning, LLC

2020 Code Change II - Course #: 19047

Electrician Core Hours: 4.0

2020 Grounding and Bonding - Course #: 19049

Electrician Core Hours: 4.0

2020 Residential - Course #: 19051

Electrician Core Hours: 4.0

2020 Code Change III - Course #: 19053

Electrician Core Hours: 4.0

National Technology Transfer, Inc

2021 NFPA 70E / Arc Flash Electrical Safety - Course #: 19039

Electrician Core Hours: 16.0

2018 NFPA 70E / Arc Flash Electrical Safety - Course #: 19041

Electrician Core Hours: 8.0

2021 NFPA 70E / Arc Flash Electrical Safety 4hr - Course #: 19043

Electrician Core Hours: 4.0

Reliance Electric, Inc.

2020 NEC Changes - Course #: 19037

Electrician Core Hours: 16.0

Summary By School (First attempt)

From October 13 2021 To April 13 2022

UT - 4-way Light Switch	# Exam	Pass %	# Candidates	Avg Score
BRIDGERLAND TECHNICAL COLLEGE (27)	4	100	4	100
COLLEGE OF EASTERN UTAH (29)	3	100	3	100
DAVIS TECHNICAL COLLEGE (31)	13	85	13	92
DIXIE TECHNICAL COLLEGE (33)	9	89	9	94
IBEW - OTHER (35)	2	100	2	100
IBEW- Utah Electrical Training Alliance (37)	50	90	50	94
IEC EDUCATION OF UTAH (39)	17	76	17	88
MOUNTAINLAND Tech College (46)	23	87	23	89
OGDEN-WEBER TECHNICAL COLLEGE (28)	10	100	10	100
OTHER (56)	6	100	6	100
OUT-OF-STATE (40)	5	80	5	90
SALT LAKE COMMUNITY COLLEGE (49)	23	57	23	72
SOUTHWEST Tech College (52)	3	67	3	83
UINTAH BASIN TECHNICAL COLLEGE (36)	3	67	3	83
Utah Home Builders Association (HBA) (162)	1	0	1	0
Not Specified (143)	57	81	57	88

UT - Conduit Bending	# Exam	Pass %	# Candidates	Avg Score
BRIDGERLAND TECHNICAL COLLEGE (27)	4	25	4	40
COLLEGE OF EASTERN UTAH (29)	1	100	1	98
DAVIS TECHNICAL COLLEGE (31)	9	22	9	44
DIXIE TECHNICAL COLLEGE (33)	4	50	4	79
IBEW - OTHER (35)	2	100	2	76
IBEW- Utah Electrical Training Alliance (37)	49	67	49	71
IEC EDUCATION OF UTAH (39)	10	60	10	77
MOUNTAINLAND Tech College (46)	8	50	8	75
OGDEN-WEBER TECHNICAL COLLEGE (28)	9	67	9	67
OTHER (56)	4	75	4	85
OUT-OF-STATE (40)	5	80	5	78
SALT LAKE COMMUNITY COLLEGE (49)	15	40	15	53
SOUTHWEST Tech College (52)	2	100	2	92
UINTAH BASIN TECHNICAL COLLEGE (36)	3	100	3	87
Not Specified (143)	40	53	40	62

UT - Motor Control	# Exam	Pass %	# Candidates	Avg Score
BRIDGERLAND TECHNICAL COLLEGE (27)	4	50	4	50
COLLEGE OF EASTERN UTAH (29)	2	50	2	50
DAVIS TECHNICAL COLLEGE (31)	9	78	9	78
DIXIE TECHNICAL COLLEGE (33)	4	50	4	50
IBEW - OTHER (35)	1	0	1	0
IBEW- Utah Electrical Training Alliance (37)	51	76	51	76
IEC EDUCATION OF UTAH (39)	10	60	10	60
MOUNTAINLAND Tech College (46)	9	56	9	56
OGDEN-WEBER TECHNICAL COLLEGE (28)	8	100	8	100
OTHER (56)	2	0	2	0
OUT-OF-STATE (40)	5	80	5	80
SALT LAKE COMMUNITY COLLEGE (49)	14	43	14	43
SOUTHWEST Tech College (52)	2	0	2	0
UINTAH BASIN TECHNICAL COLLEGE (36)	3	67	3	67
Utah Home Builders Association (HBA) (162)	1	100	1	100
Not Specified (143)	40	60	40	60

UT - Motor Control Residential	# Exam	Pass %	# Candidates	Avg Score
COLLEGE OF EASTERN UTAH (29)	1	100	1	100
DAVIS TECHNICAL COLLEGE (31)	4	100	4	100
DIXIE TECHNICAL COLLEGE (33)	6	100	6	100
IEC EDUCATION OF UTAH (39)	8	75	8	75
MOUNTAINLAND Tech College (46)	15	53	15	53
OGDEN-WEBER TECHNICAL COLLEGE (28)	2	50	2	50
OTHER (56)	4	75	4	75
SALT LAKE COMMUNITY COLLEGE (49)	8	88	8	88
SOUTHWEST Tech College (52)	1	100	1	100
Not Specified (143)	19	58	19	58

UT - Schematic Plan	# Exam	Pass %	# Candidates	Avg Score
BRIDGERLAND TECHNICAL COLLEGE (27)	4	100	4	100
COLLEGE OF EASTERN UTAH (29)	3	67	3	67
DAVIS TECHNICAL COLLEGE (31)	13	92	13	92
DIXIE TECHNICAL COLLEGE (33)	9	100	9	100
IBEW - OTHER (35)	1	0	1	0
IBEW- Utah Electrical Training Alliance (37)	51	84	51	84
IEC EDUCATION OF UTAH (39)	17	76	17	76
MOUNTAINLAND Tech College (46)	23	83	23	83
OGDEN-WEBER TECHNICAL COLLEGE (28)	10	100	10	100
OTHER (56)	6	67	6	67
OUT-OF-STATE (40)	6	83	6	83
SALT LAKE COMMUNITY COLLEGE (49)	23	87	23	87
SOUTHWEST Tech College (52)	3	100	3	100
UINTAH BASIN TECHNICAL COLLEGE (36)	3	33	3	33
Not Specified (143)	57	82	57	82

UT - Torque Settings	# Exam	Pass %	# Candidates	Avg Score
BRIDGERLAND TECHNICAL COLLEGE (27)	4	100	4	100
COLLEGE OF EASTERN UTAH (29)	3	100	3	100
DAVIS TECHNICAL COLLEGE (31)	13	100	13	98
DIXIE TECHNICAL COLLEGE (33)	9	100	9	100
IBEW - OTHER (35)	2	100	2	100
IBEW- Utah Electrical Training Alliance (37)	50	100	50	99
IEC EDUCATION OF UTAH (39)	17	94	17	98
MOUNTAINLAND Tech College (46)	23	100	23	98
OGDEN-WEBER TECHNICAL COLLEGE (28)	10	100	10	97
OTHER (56)	7	86	7	96
OUT-OF-STATE (40)	5	100	5	97
SALT LAKE COMMUNITY COLLEGE (49)	23	87	23	90
SOUTHWEST Tech College (52)	3	100	3	100
UINTAH BASIN TECHNICAL COLLEGE (36)	3	100	3	100
Utah Home Builders Association (HBA) (162)	1	100	1	100
Not Specified (143)	57	93	57	98

UT - Transformer Termination	# Exam	Pass %	# Candidates	Avg Score
BRIDGERLAND TECHNICAL COLLEGE (27)	4	100	4	100
COLLEGE OF EASTERN UTAH (29)	2	100	2	100
DAVIS TECHNICAL COLLEGE (31)	10	90	10	91
DIXIE TECHNICAL COLLEGE (33)	3	100	3	98
IBEW - OTHER (35)	1	100	1	100
IBEW- Utah Electrical Training Alliance (37)	50	100	50	99
IEC EDUCATION OF UTAH (39)	10	100	10	98
MOUNTAINLAND Tech College (46)	9	100	9	99
OGDEN-WEBER TECHNICAL COLLEGE (28)	9	100	9	100
OTHER (56)	2	100	2	100
OUT-OF-STATE (40)	6	100	6	96
SALT LAKE COMMUNITY COLLEGE (49)	14	100	14	97
SOUTHWEST Tech College (52)	2	100	2	100
UINTAH BASIN TECHNICAL COLLEGE (36)	3	100	3	100
Not Specified (143)	42	95	42	96

Summary By School (First attempt)

From April 13 2021 To April 13 2022

Utah Journeyman Electrician Code	# Exam	Pass %	# Candidates	Avg Score
BRIDGERLAND TECHNICAL COLLEGE (27)	18	28	18	71
COLLEGE OF EASTERN UTAH (29)	4	0	4	58
DAVIS TECHNICAL COLLEGE (31)	42	52	42	74
DIXIE TECHNICAL COLLEGE (33)	18	39	18	69
IBEW - OTHER (35)	3	0	3	58
IBEW- Utah Electrical Training Alliance (37)	83	63	83	77
IEC EDUCATION OF UTAH (39)	55	53	55	72
MOUNTAINLAND Tech College (46)	48	31	48	68
OGDEN-WEBER TECHNICAL COLLEGE (28)	37	65	37	76
OTHER (56)	22	27	22	67
OUT-OF-STATE (40)	8	50	8	71
SALT LAKE COMMUNITY COLLEGE (49)	56	41	56	72
SOUTHWEST Tech College (52)	16	13	16	60
UINTAH BASIN TECHNICAL COLLEGE (36)	9	22	9	66
Not Specified (143)	1	100	1	78

Utah Journeyman Electrician Theory	# Exam	Pass %	# Candidates	Avg Score
BRIDGERLAND TECHNICAL COLLEGE (27)	10	60	10	75
COLLEGE OF EASTERN UTAH (29)	2	50	2	55
DAVIS TECHNICAL COLLEGE (31)	44	68	44	79
DIXIE TECHNICAL COLLEGE (33)	23	61	23	76
IBEW - OTHER (35)	1	100	1	88
IBEW- Utah Electrical Training Alliance (37)	83	75	83	81
IEC EDUCATION OF UTAH (39)	54	46	54	73
MOUNTAINLAND Tech College (46)	46	46	46	73
OGDEN-WEBER TECHNICAL COLLEGE (28)	40	60	40	78
OTHER (56)	24	29	24	65
OUT-OF-STATE (40)	9	44	9	72
SALT LAKE COMMUNITY COLLEGE (49)	55	55	55	76
SOUTHWEST Tech College (52)	14	14	14	66
UINTAH BASIN TECHNICAL COLLEGE (36)	10	20	10	62

Utah Master Electrician Code	# Exam	Pass %	# Candidates	Avg Score
BRIDGERLAND TECHNICAL COLLEGE (27)	5	80	5	79
COLLEGE OF EASTERN UTAH (29)	1	100	1	79
DAVIS TECHNICAL COLLEGE (31)	4	75	4	78
DIXIE TECHNICAL COLLEGE (33)	4	75	4	77
IBEW - OTHER (35)	4	50	4	75
IBEW- Utah Electrical Training Alliance (37)	16	63	16	80
IEC EDUCATION OF UTAH (39)	5	60	5	80
MOUNTAINLAND Tech College (46)	5	80	5	77
OGDEN-WEBER TECHNICAL COLLEGE (28)	9	89	9	79
OTHER (56)	12	58	12	72
OUT-OF-STATE (40)	10	70	10	80
SALT LAKE COMMUNITY COLLEGE (49)	29	79	29	80
SOUTHWEST Tech College (52)	1	100	1	76
UINTAH BASIN TECHNICAL COLLEGE (36)	2	0	2	71
Not Specified (143)	1	0	1	33

Utah Master Electrician Theory	# Exam	Pass %	# Candidates	Avg Score
BRIDGERLAND TECHNICAL COLLEGE (27)	4	100	4	84
COLLEGE OF EASTERN UTAH (29)	1	100	1	94
DAVIS TECHNICAL COLLEGE (31)	4	50	4	77
DIXIE TECHNICAL COLLEGE (33)	6	67	6	77
IBEW - OTHER (35)	5	60	5	65
IBEW- Utah Electrical Training Alliance (37)	15	67	15	82
IEC EDUCATION OF UTAH (39)	6	83	6	84
MOUNTAINLAND Tech College (46)	5	20	5	72
OGDEN-WEBER TECHNICAL COLLEGE (28)	12	75	12	83
OTHER (56)	13	46	13	72
OUT-OF-STATE (40)	10	40	10	66
SALT LAKE COMMUNITY COLLEGE (49)	24	79	24	81
SOUTHWEST Tech College (52)	1	100	1	78
UINTAH BASIN TECHNICAL COLLEGE (36)	1	100	1	82
Not Specified (143)	1	100	1	86

Utah Residential Journeyman Electrician Code	# Exam	Pass %	# Candidates	Avg Score
BRIDGERLAND TECHNICAL COLLEGE (27)	2	50	2	63
COLLEGE OF EASTERN UTAH (29)	1	0	1	70
DAVIS TECHNICAL COLLEGE (31)	15	47	15	73
DIXIE TECHNICAL COLLEGE (33)	9	33	9	68
IEC EDUCATION OF UTAH (39)	36	47	36	71
MOUNTAINLAND Tech College (46)	40	33	40	66
OGDEN-WEBER TECHNICAL COLLEGE (28)	5	40	5	72
OTHER (56)	15	20	15	63
OUT-OF-STATE (40)	1	0	1	48
SALT LAKE COMMUNITY COLLEGE (49)	29	41	29	70
UINTAH BASIN TECHNICAL COLLEGE (36)	1	0	1	51
Not Specified (143)	1	0	1	54

Utah Residential Journeyman Electrician Theory	# Exam	Pass %	# Candidates	Avg Score
BRIDGERLAND TECHNICAL COLLEGE (27)	2	0	2	57
COLLEGE OF EASTERN UTAH (29)	1	100	1	76
DAVIS TECHNICAL COLLEGE (31)	15	40	15	70
DIXIE TECHNICAL COLLEGE (33)	13	54	13	76
IEC EDUCATION OF UTAH (39)	33	64	33	74
MOUNTAINLAND Tech College (46)	35	49	35	72
OGDEN-WEBER TECHNICAL COLLEGE (28)	2	50	2	77
OTHER (56)	13	38	13	63
SALT LAKE COMMUNITY COLLEGE (49)	29	59	29	74
UINTAH BASIN TECHNICAL COLLEGE (36)	1	0	1	52

Utah Residential Master Electrician Code	# Exam	Pass %	# Candidates	Avg Score
BRIDGERLAND TECHNICAL COLLEGE (27)	1	100	1	90
DAVIS TECHNICAL COLLEGE (31)	4	75	4	76
DIXIE TECHNICAL COLLEGE (33)	1	0	1	51
IBEW- Utah Electrical Training Alliance (37)	1	0	1	58
IEC EDUCATION OF UTAH (39)	8	88	8	80
MOUNTAINLAND Tech College (46)	6	83	6	80
OGDEN-WEBER TECHNICAL COLLEGE (28)	4	50	4	69
OTHER (56)	3	33	3	67
OUT-OF-STATE (40)	1	100	1	86
SALT LAKE COMMUNITY COLLEGE (49)	6	67	6	76
UINTAH BASIN TECHNICAL COLLEGE (36)	1	100	1	89

Utah Residential Master Electrician Theory	# Exam	Pass %	# Candidates	Avg Score
BRIDGERLAND TECHNICAL COLLEGE (27)	1	100	1	88
DAVIS TECHNICAL COLLEGE (31)	3	67	3	75
DIXIE TECHNICAL COLLEGE (33)	1	0	1	48
IBEW- Utah Electrical Training Alliance (37)	1	100	1	80
IEC EDUCATION OF UTAH (39)	9	78	9	83
MOUNTAINLAND Tech College (46)	7	71	7	79
OGDEN-WEBER TECHNICAL COLLEGE (28)	2	100	2	86
OTHER (56)	4	75	4	86
SALT LAKE COMMUNITY COLLEGE (49)	6	67	6	80
UINTAH BASIN TECHNICAL COLLEGE (36)	1	100	1	96

Summary By School (First attempt)

From October 13 2021 To April 13 2022

UT - 4-way Light Switch	# Exam	Pass %	# Candidates	Avg Score
BRIDGERLAND TECHNICAL COLLEGE (27)	4	100	4	100
COLLEGE OF EASTERN UTAH (29)	3	100	3	100
DAVIS TECHNICAL COLLEGE (31)	13	85	13	92
DIXIE TECHNICAL COLLEGE (33)	9	89	9	94
IBEW - OTHER (35)	2	100	2	100
IBEW- Utah Electrical Training Alliance (37)	50	90	50	94
IEC EDUCATION OF UTAH (39)	17	76	17	88
MOUNTAINLAND Tech College (46)	23	87	23	89
OGDEN-WEBER TECHNICAL COLLEGE (28)	10	100	10	100
OTHER (56)	6	100	6	100
OUT-OF-STATE (40)	5	80	5	90
SALT LAKE COMMUNITY COLLEGE (49)	23	57	23	72
SOUTHWEST Tech College (52)	3	67	3	83
UINTAH BASIN TECHNICAL COLLEGE (36)	3	67	3	83
Utah Home Builders Association (HBA) (162)	1	0	1	0
Not Specified (143)	57	81	57	88

UT - Conduit Bending	# Exam	Pass %	# Candidates	Avg Score
BRIDGERLAND TECHNICAL COLLEGE (27)	4	25	4	40
COLLEGE OF EASTERN UTAH (29)	1	100	1	98
DAVIS TECHNICAL COLLEGE (31)	9	22	9	44
DIXIE TECHNICAL COLLEGE (33)	4	50	4	79
IBEW - OTHER (35)	2	100	2	76
IBEW- Utah Electrical Training Alliance (37)	49	67	49	71
IEC EDUCATION OF UTAH (39)	10	60	10	77
MOUNTAINLAND Tech College (46)	8	50	8	75
OGDEN-WEBER TECHNICAL COLLEGE (28)	9	67	9	67
OTHER (56)	4	75	4	85
OUT-OF-STATE (40)	5	80	5	78
SALT LAKE COMMUNITY COLLEGE (49)	15	40	15	53
SOUTHWEST Tech College (52)	2	100	2	92
UINTAH BASIN TECHNICAL COLLEGE (36)	3	100	3	87
Not Specified (143)	40	53	40	62

UT - Motor Control	# Exam	Pass %	# Candidates	Avg Score
BRIDGERLAND TECHNICAL COLLEGE (27)	4	50	4	50
COLLEGE OF EASTERN UTAH (29)	2	50	2	50
DAVIS TECHNICAL COLLEGE (31)	9	78	9	78
DIXIE TECHNICAL COLLEGE (33)	4	50	4	50
IBEW - OTHER (35)	1	0	1	0
IBEW- Utah Electrical Training Alliance (37)	51	76	51	76
IEC EDUCATION OF UTAH (39)	10	60	10	60
MOUNTAINLAND Tech College (46)	9	56	9	56
OGDEN-WEBER TECHNICAL COLLEGE (28)	8	100	8	100
OTHER (56)	2	0	2	0
OUT-OF-STATE (40)	5	80	5	80
SALT LAKE COMMUNITY COLLEGE (49)	14	43	14	43
SOUTHWEST Tech College (52)	2	0	2	0
UINTAH BASIN TECHNICAL COLLEGE (36)	3	67	3	67
Utah Home Builders Association (HBA) (162)	1	100	1	100
Not Specified (143)	40	60	40	60

UT - Motor Control Residential	# Exam	Pass %	# Candidates	Avg Score
COLLEGE OF EASTERN UTAH (29)	1	100	1	100
DAVIS TECHNICAL COLLEGE (31)	4	100	4	100
DIXIE TECHNICAL COLLEGE (33)	6	100	6	100
IEC EDUCATION OF UTAH (39)	8	75	8	75
MOUNTAINLAND Tech College (46)	15	53	15	53
OGDEN-WEBER TECHNICAL COLLEGE (28)	2	50	2	50
OTHER (56)	4	75	4	75
SALT LAKE COMMUNITY COLLEGE (49)	8	88	8	88
SOUTHWEST Tech College (52)	1	100	1	100
Not Specified (143)	19	58	19	58

UT - Schematic Plan	# Exam	Pass %	# Candidates	Avg Score
BRIDGERLAND TECHNICAL COLLEGE (27)	4	100	4	100
COLLEGE OF EASTERN UTAH (29)	3	67	3	67
DAVIS TECHNICAL COLLEGE (31)	13	92	13	92
DIXIE TECHNICAL COLLEGE (33)	9	100	9	100
IBEW - OTHER (35)	1	0	1	0
IBEW- Utah Electrical Training Alliance (37)	51	84	51	84
IEC EDUCATION OF UTAH (39)	17	76	17	76
MOUNTAINLAND Tech College (46)	23	83	23	83
OGDEN-WEBER TECHNICAL COLLEGE (28)	10	100	10	100
OTHER (56)	6	67	6	67
OUT-OF-STATE (40)	6	83	6	83
SALT LAKE COMMUNITY COLLEGE (49)	23	87	23	87
SOUTHWEST Tech College (52)	3	100	3	100
UINTAH BASIN TECHNICAL COLLEGE (36)	3	33	3	33
Not Specified (143)	57	82	57	82

UT - Torque Settings	# Exam	Pass %	# Candidates	Avg Score
BRIDGERLAND TECHNICAL COLLEGE (27)	4	100	4	100
COLLEGE OF EASTERN UTAH (29)	3	100	3	100
DAVIS TECHNICAL COLLEGE (31)	13	100	13	98
DIXIE TECHNICAL COLLEGE (33)	9	100	9	100
IBEW - OTHER (35)	2	100	2	100
IBEW- Utah Electrical Training Alliance (37)	50	100	50	99
IEC EDUCATION OF UTAH (39)	17	94	17	98
MOUNTAINLAND Tech College (46)	23	100	23	98
OGDEN-WEBER TECHNICAL COLLEGE (28)	10	100	10	97
OTHER (56)	7	86	7	96
OUT-OF-STATE (40)	5	100	5	97
SALT LAKE COMMUNITY COLLEGE (49)	23	87	23	90
SOUTHWEST Tech College (52)	3	100	3	100
UINTAH BASIN TECHNICAL COLLEGE (36)	3	100	3	100
Utah Home Builders Association (HBA) (162)	1	100	1	100
Not Specified (143)	57	93	57	98

UT - Transformer Termination	# Exam	Pass %	# Candidates	Avg Score
BRIDGERLAND TECHNICAL COLLEGE (27)	4	100	4	100
COLLEGE OF EASTERN UTAH (29)	2	100	2	100
DAVIS TECHNICAL COLLEGE (31)	10	90	10	91
DIXIE TECHNICAL COLLEGE (33)	3	100	3	98
IBEW - OTHER (35)	1	100	1	100
IBEW- Utah Electrical Training Alliance (37)	50	100	50	99
IEC EDUCATION OF UTAH (39)	10	100	10	98
MOUNTAINLAND Tech College (46)	9	100	9	99
OGDEN-WEBER TECHNICAL COLLEGE (28)	9	100	9	100
OTHER (56)	2	100	2	100
OUT-OF-STATE (40)	6	100	6	96
SALT LAKE COMMUNITY COLLEGE (49)	14	100	14	97
SOUTHWEST Tech College (52)	2	100	2	100
UINTAH BASIN TECHNICAL COLLEGE (36)	3	100	3	100
Not Specified (143)	42	95	42	96

Exam Code	Test Name	# Candidates	# Pass	# Fail	% Pass	Avg Score
85504A	Utah Journeyman Electrician Code	766	323	443	42 %	71
85504B	Utah Journeyman Electrician Theory	650	348	302	54 %	75
85502A	Utah Master Electrician Code	147	95	52	65 %	76
85502B	Utah Master Electrician Theory	147	93	54	63 %	78
85506A	Utah Residential Journeyman Electrician Code	264	96	168	36 %	69
85506B	Utah Residential Journeyman Electrician Theory	220	110	110	50 %	73
85503A	Utah Residential Master Electrician Code	44	26	18	59 %	74
85503B	Utah Residential Master Electrician Theory	41	31	10	76 %	81

Exam Code	Test Name	# Candidates	# Pass	# Fail	% Pass	Avg Score
85504P2	UT - 4-way Light Switch	278	228	50	82 %	88
	UT - 4-way Light Switch	1	1	0	100 %	100
85504P6	UT - Conduit Bending	274	151	123	55 %	65
	UT - Conduit Bending	1	0	1	0 %	0
85504P4	UT - Motor Control	288	175	113	61 %	61
85506P4	UT - Motor Control	1	1	0	100 %	100
	UT - Motor Control	1	1	0	100 %	100
85506P4	UT - Motor Control Residential	106	71	35	67 %	67
85504P3	UT - Schematic Plan	276	224	52	81 %	81
	UT - Schematic Plan	1	1	0	100 %	100
85504P1	UT - Torque Settings	261	246	15	94 %	96
	UT - Torque Settings	1	1	0	100 %	100
85504P5	UT - Transformer Termination	190	181	9	95 %	95
	UT - Transformer Termination	1	1	0	100 %	100



WESTERN ELECTRICAL CONTRACTORS ASSOCIATION

**ELECTRICAL
APPRENTICESHIP
TRAINING**

ABOUT WECA

Western Electrical Contractors Association Inc. (WECA) was established in 1929.

WECA is a contractor-driven association and has been serving licensed electrical contractors and the industry for over ninety years, and delivering electrical apprenticeship training programs since 1993.



QUALIFICATIONS



➤ Experienced

Operating Electrical Apprenticeship training programs since 1993

➤ Certified and Credentialed

Curriculum developed and maintained by certified curriculum designers and electrical subject matter experts and taught by credentialed, full-time instructors

➤ Approved

Operating Apprenticeship in multiple states with US Department of Labor-approved National Guidelines

➤ College Credit Equivalency

College Credit Equivalency Recommendations for program completion

TRAINING MODEL



➤ Four Year Program

- 624 RTI & 8000 OJT
- 75% Grade Requirement to Pass

➤ Learning Model

- 2-Week onsite intensive daytime instruction per semester
- OJT with Journeyperson on the jobsite the rest of the year

➤ Delivery Details

- Classroom Instruction
- Competency-Based Curriculum
- 48% of Learning Experience is Competency-Assessed Hands-on Labs

➤ Scheduling Benefits

- Flexible class scheduling for Apprentice and Contractor
- Year-round entry into the program
- Multiple class starts throughout the year

LEARNING AND JOBSITE TECHNOLOGY INTEGRATION

WECA incorporates the best of learning and jobsite technologies to give all its apprentices an optimized learning environment which emulates the construction software platforms and devices they'll use in the field.

- New, personal laptops given to each first-year apprentice
- Apprentices use a Learning Management System for accessing learning content, quizzing, and self-paced supplementary learning
- Jobsite technologies integrated into curriculum (iPads for plan reading; Bluebeam, Plangrid, and more)



HANDS-ON LEARNING LABS

WECA's Four Year Commercial Electrical Apprenticeship Program Includes 307 Hours of Hands-on, Competency-Based Lab Learning. That's 48% of the program spent learning in the lab.



ADVANCED LEARNING TECHNOLOGIES

Virtual Reality (VR)

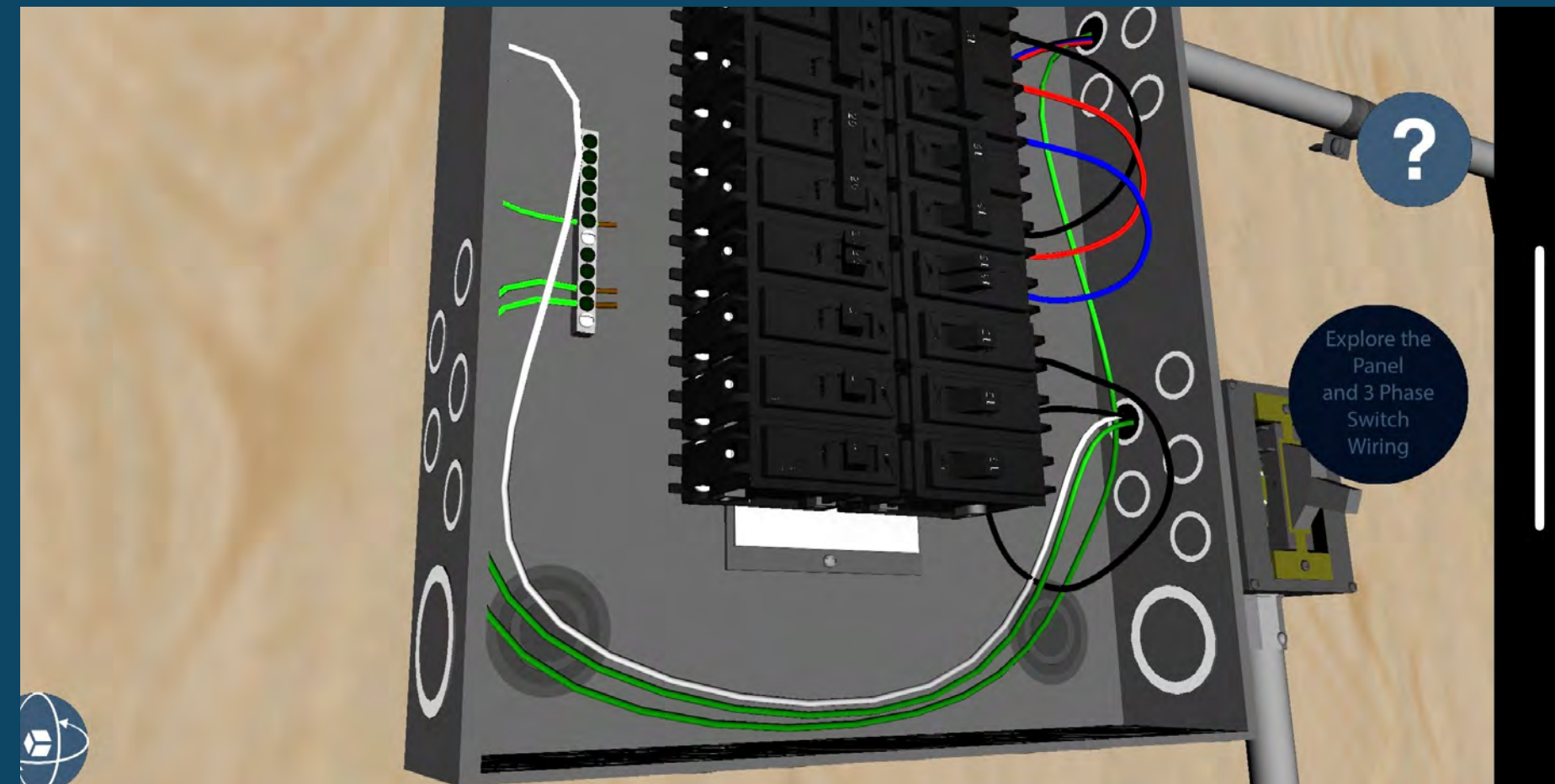
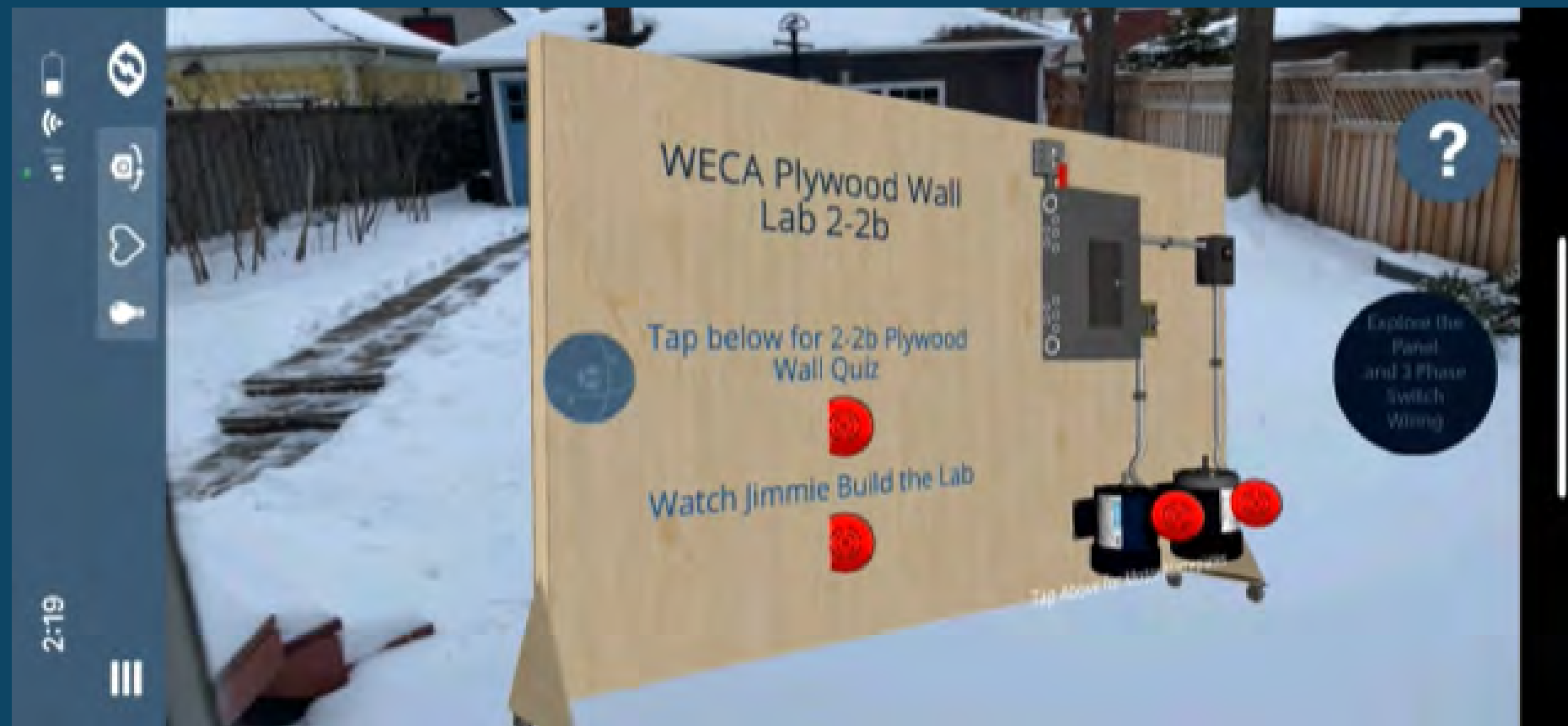
WECA Apprentices learn CPR in a VR environment which emulates an actual emergency and active human surroundings



ADVANCED LEARNING TECHNOLOGIES

Augmented Reality (AR)

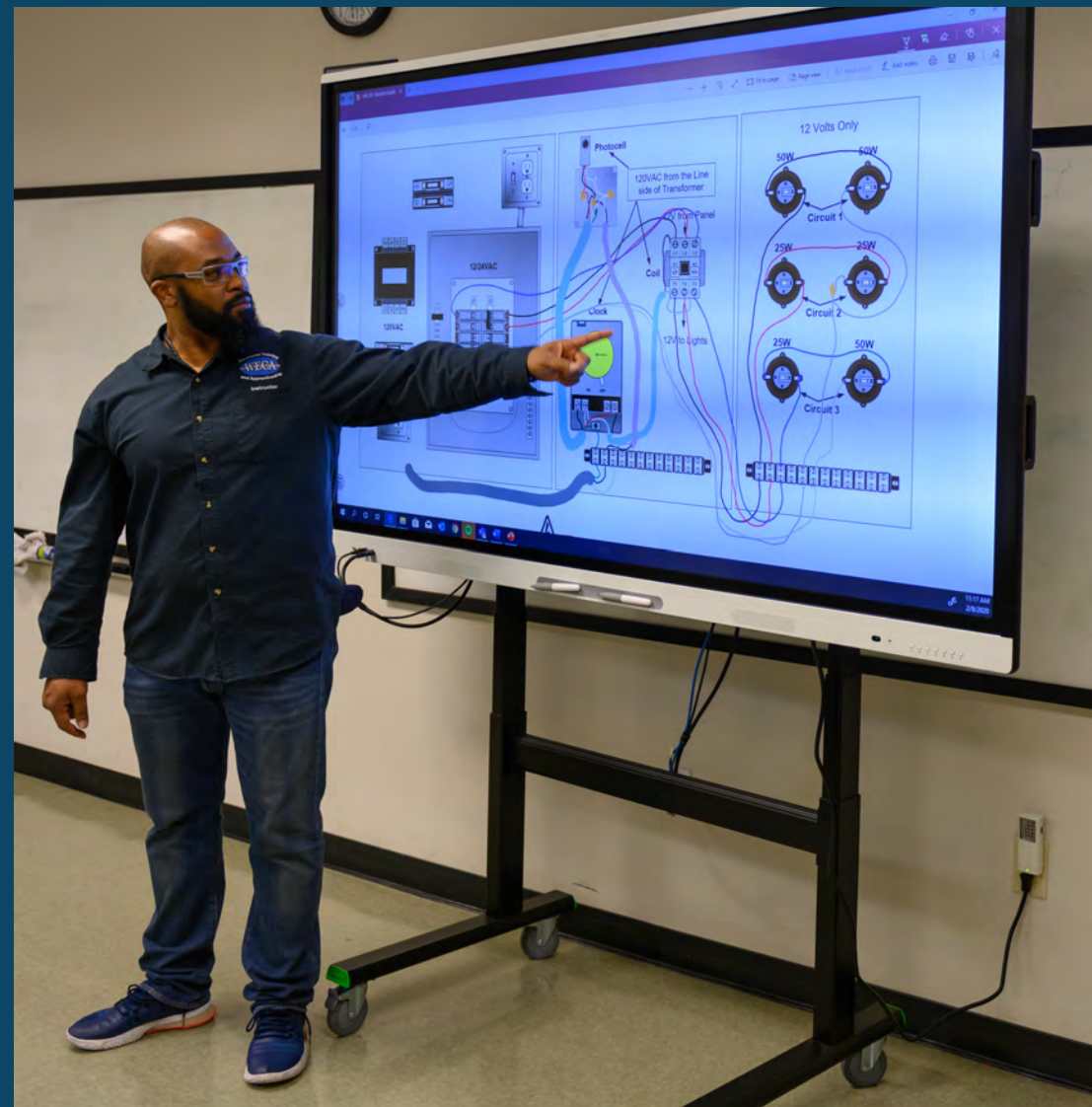
Supplementary learning opportunities for WECA Apprentices include AR-based lessons accessible from their own devices. This example shows a motor wiring lesson in which apprentices can closely examine a panel and 3-phase switch wiring in AR—with the lab popping up over their current physical environment—before attempting it in the lab.



ADVANCED LEARNING TECHNOLOGIES

Smartboards and Screencast

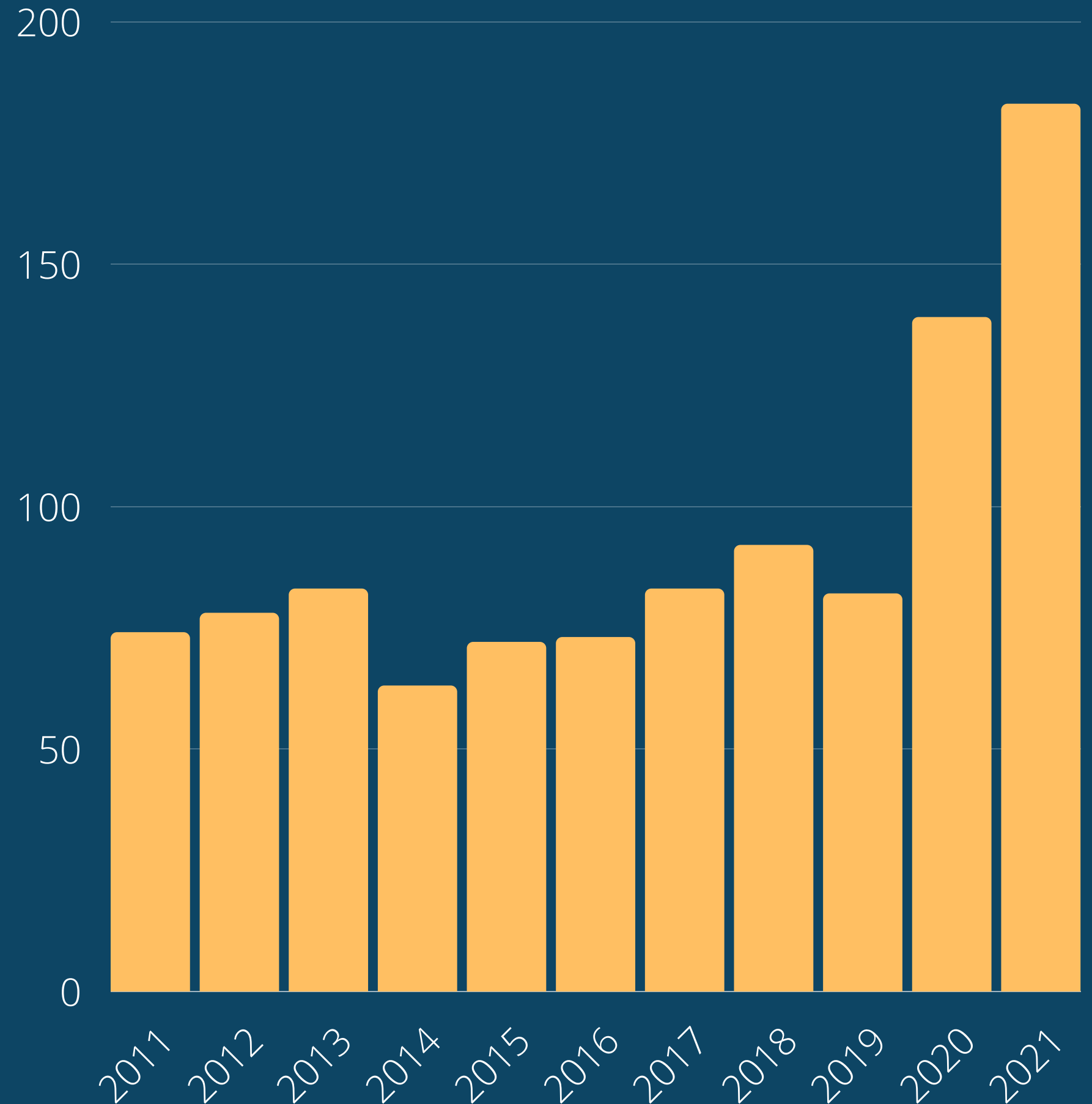
Instructors use Smartboards and can screencast technical demos to Apprentice devices



WECA APPRENTICE GRADUATES

Snapshot of the last decade: We're proud to consistently post some of the highest graduating apprentice counts in the states we serve.

All-time graduates over 1750--
and counting!



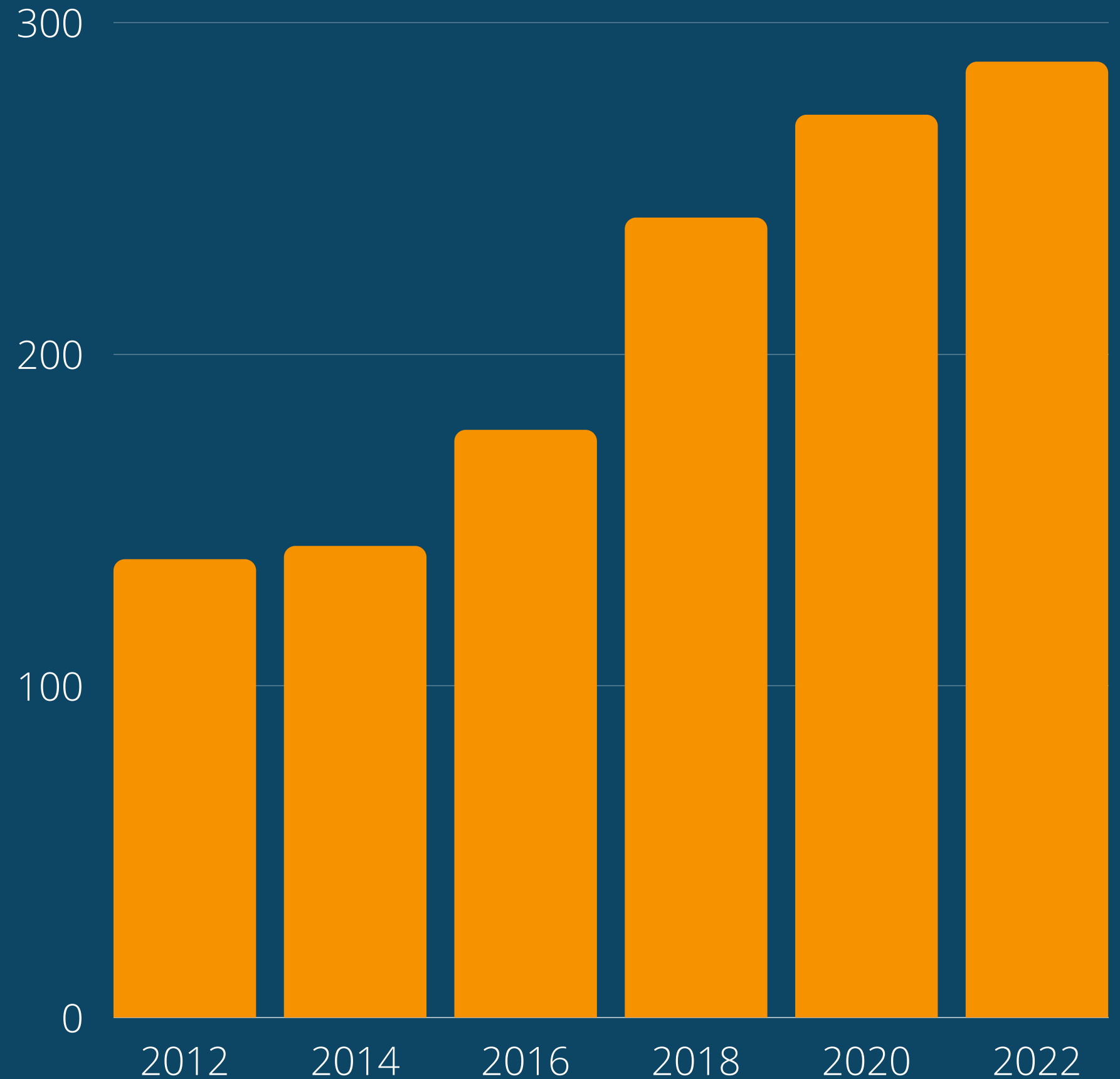
OUR APPRENTICESHIP GRADUATES

WECA Graduates are well-trained to contribute to the industry and are prepared for leadership roles. Competency-based training includes assessment for success skills like leadership, communications, and conflict resolution.



WECA MEMBER CONTRACTORS COMMITTED TO TRAINING

Snapshot of the last decade: More contractors commit to apprenticeship and training each year.



COMMITTMENTS



➤ Apprentice Safety

- Members are Approved to Train and must follow state and federal regulations, safety, supervision, labor, and licensing laws and on-the-job training requirements
- Apprentices undertake OSHA 10 and OSHA 30 certifications
- Safety-focused curriculum

➤ Apprentice Wellness

- Commitment to Equity, Diversity, and Inclusion
- Drug-Free Policy

➤ Apprentice Support

- Job Placement Assistance throughout Apprenticeship and After Graduation
- Mentorship and Tutoring
- Tuition 100% Paid by Employers
- Approved for GI Bill Benefits
- Travel Stipends for Distant Apprentices

INDUSTRY CONTRIBUTIONS



➤ Partnerships

- With other Apprenticeship Programs, such as Associated General Contractors (AGC), towards mutual workforce development and betterment-of-industry goals
- With the Industry, including electrical suppliers and major tool manufacturers
- With Contractors: Our Members are vetted, approved, and held to training and safety standards

➤ Industry Betterment

- Participation in State Apprenticeship and Electrical Committees and Working Groups
- Participation in Exam Panel Working Groups
- Work with Contractors and Apprentices to foster a harassment-free environment
- Chaired Committee to Review and Update CA State Minimum Industry Training Criteria for Electricians

WORKFORCE DEVELOPMENT



> Industry Development

- WECA staff is dedicated to industry outreach; educates young people on the benefits of apprenticeship
- Utah's need for trained electricians has a 9% growth forecast (2020-2030 US BLS)

> Foundation

- The Western Electrical Contractors Education Foundation awards scholarships and promotes workforce development for the industry

WORKFORCE DEVELOPMENT

Community Outreach to the next
generation of electricians



THANKS FOR LEARNING ABOUT WECA



GET IN TOUCH

TERRY SEABURY, WECA EXECUTIVE DIRECTOR AND CEO



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Utah

COMMERCIAL/INDUSTRIAL ELECTRICIAN

1st Year, 1st Semester

Course Competency	Sub-Competency	Lessons	Time
Course Orientation	Course Overview	Administrative Requirements	3 hours
		Harassment Prevention	
		Course Introduction	
		Bluebeam for Worksheets	
Competency: Safety	Ladder Safety	Stepladders	11 hours
		Extension Ladders	
	CPR & First Aid	CPR & First Aid Training	
	Safety Fundamentals	Safety Fundamentals	
Competency: DC Theory	Electrical Theory Fundamentals	Atomic Structure & Ohm's Law	26 hours
		Magnetism & Resistors	
		Principles of Generating Electricity	
	Circuit Theory Application	Metering	
		Series Circuits	
		Parallel Circuits	
		Combination Circuits	
Competency: Residential Wiring Fundamentals	Tools, Materials, Terminology	Tools, Materials, Terminology	40 hours
	NEC Fundamentals	Subject Indexing	
		NEC Practice	
	Applied Residential Fundamentals	Wiring Devices, Terminations, and Splicing	
		Fundamentals of Residential Drawings	
		Residential Wiring: Basic Layout & Circuiting	



Utah

COMMERCIAL/INDUSTRIAL ELECTRICIAN

1st Year, 2nd Semester

Course Competency	Sub-Competency	Lessons	Time
Course Orientation	Course Overview	Administrative Requirements	1 hour
		Course Introduction	
Competency: Residential Installation Practices	Special Systems	Residential Fire Protection	60 hours
		Low Voltage Signaling Circuits	
		Residential TV, Telephone, and Networking	
	Lighting	Lighting and Control Fundamentals	
	Sizing Electrical Boxes	Sizing Electrical Boxes	
	Raceways	Raceways: Types & Pathways	
		Conduit Fill	
		Conduit Bending	
		Conductor Installation	
	Overcurrent Protection	Overcurrent Protection	
Competency: Lift Training	Lift Training	Lift Training	19 hours



Utah

COMMERCIAL/INDUSTRIAL ELECTRICIAN

2nd Year, 1st Semester

Course Competency	Sub-Competency	Lessons	Time
Pre-Course		OSHA 10	
Course Orientation	Course Overview and Review	Administrative Requirements Course Introduction Review of Residential Fundamentals	2 hours
Competency: Circuits and Conductors	NEC Circuit Fundamentals	Electrical Safety General Info and Requirements Construction Drawings Electrical Circuits	40 hours
		Conductor Installations	
		Conductor Properties	
		Conductor Protection	
	Conductor Fundamentals	Insulation Integrity	
Competency: AC Theory	AC Circuit Fundamentals	Ohm's Law Series Circuits Parallel Circuits	12 hours
	AC Theory and Math	Basic Trigonometry Alternating Current	
Competency: Service Installation and Protection	Electrical Services	Safety Devices Service Conductors	20 hours
	Grounding and Bonding	Grounding & Bonding Theory Grounding Electrodes Service Ground Main Bonding Equipment Grounding Pools – DC Systems	
	PV & Battery Systems	Photovoltaic Systems Emergency Batteries	
Competency: Hazardous Locations and Special Occupancies	Hazardous Locations and Special Occupancies	Hazardous Locations and Special Occupancies	6 hours



Utah

COMMERCIAL/INDUSTRIAL ELECTRICIAN

2nd Year, 2nd Semester

Course Competency	Sub-Competency	Lessons	Time
Course Orientation	Course Overview	Administrative Requirements	1 hour
		Course Introduction	
Competency: Lighting Control Systems	Lighting Control and Low Voltage Systems	Low Voltage Control	10 hours
		nLight Programming	
Competency: Inductors and Inductance	Induction Theory	Magnetic Induction	14 hours
		Inductance AC Circuits	
	Induction Fundamentals	RL Series Circuits	
		RL Parallel Circuits	
Competency: Three-Phase Systems and Transformer Fundamentals	Single-Phase Transformers	Single-Phase Transformers	13 hours
	Three-Phase Transformers	Three-Phase Circuits	
		Three-Phase Transformers	
	Transformers and the NEC	Transformers and the NEC	
Competency: Service and Feeder Load Calculations	Service and Feeder Load Calculations	Service and Feeder Load Calculations	6 hours
Competency: Capacitors and Capacitance	Capacitor Theory	Capacitor Theory	16 hours
	Capacitance Fundamentals	Capacitive Circuits	
		RC Circuits	
		RLC Circuits	
Competency: Motor and Generator Fundamentals	Motor Generators	DC Generators	20 hours
		DC Motors	
		Single-Phase Motors	
		Alternators	
		Three-Phase Motors	
	Motor Circuits	Motor Circuits	



Utah

COMMERCIAL/INDUSTRIAL ELECTRICIAN

3rd Year, 1st Semester

Course Competency	Sub-Competency	Lessons	Time
Course Orientation	Course Overview	Course Introduction	5 hours
		Harassment Prevention	
		CPR and First Aid Training	
Competency: Commercial Construction Documentation and Drawings	Documentation	Building Information Modeling	75 hours
		Plan Grid Foundations	
		Hazard Communication	
		Using Scales	
		Construction Documents	
		Plans, Elevations, Symbols	
	Foundations and Walls	Structural Footings Foundations Walls	
		Locating Walls	
		Floor Types and Conduit Runs	
	Service Entrance Conductors, Feeders, and Branch Circuits	Using the NEC	
		Parallel Conductors	
		Grounding Electrode Systems and MJBs	
		Busway Systems	
		Working Clearances	
		Commercial Electrical Load	
		Coordinating Electrical Branch Circuit Ampacity	
		Preparing for Electrical Underground	
		POCO Primary Conduit Material Estimation	
	Site and Garage Electrical	Site Lighting	
		Parking Garages	
	Relevant Non-Electrical Drawings	Civil Plans	
		Finish Drawings, Coordinating Plan Info	
		Mechanical Sheets	
		Plumbing and Fire Protection	
		Elevators	
		BlueBeam Foundations	



Utah

COMMERCIAL/INDUSTRIAL ELECTRICIAN

3rd Year, 2nd Semester

Course Competency	Sub-Competency	Lessons	Time
Course Orientation	Course Overview	Administrative Requirements	1 hour
		Course Introduction	
Competency: Motor Control Fundamentals	Electrical Theory	Ohm's Law	70 hours
	Sizing Motor Circuits	Sizing Single Motor Systems	
		Safety with Motors	
	Motor Controls	Control Diagrams and Symbols	
		Logic Circuits	
		Electromagnetic Solenoids	
		Starters	
		Devices	
		Relays and Timers	
		Forward-Reversing Motors	
		Advanced AC Circuits: Three-Phase Power Systems	
		Constructor 8.0	
Competency: Commercial Low Voltage Systems	Commercial Security Systems	Overview of Commercial Security Systems	9 hours
	Commercial Fire Alarm Systems	Overview of Commercial Fire Alarm Systems	



Utah

COMMERCIAL/INDUSTRIAL ELECTRICIAN

4th Year, 1st Semester

Course Competency	Sub-Competency	Lessons	Time
Pre-Course		OSHA 30	
Pre-Course	Exam Prep: Code and Theory	Self-Paced Exam Preparation: Code and Theory	
Course Orientation	Course Overview	Administrative Requirements Course Introduction	1 hour
Competency: Power Generation	Power Distribution	Electrical Safety and PPE Electrical Systems	16 hours
	Power Generation	Energy Sources	
		Standby Power	
		Photovoltaic Systems	
Competency: Solid State Devices	Electronics Fundamentals	Basic Electronics Applied Electronics	23 hours
	Detection and Control Devices	Electronic Sensors	
		EMRs and SSRs	
		Detection and Control Devices	
Competency: Starting and Stopping Methods	Motor Starting Methods	Starting Current Reduced Voltage Starting Wire Ratings - Review HVAC Equipment	19 hours
	Motor Stopping Methods	Motor Braking	
Competency: Motor Speed Control I	Speed Control	Compelling, Accelerating and Decelerating Control Methods	13 hours
Competency: Diagram Interpretation and Installation	Miscellaneous Control	Power and Control Circuit Wiring	8 hours
	Components and Schematics	Control Circuit Knowledge	



Utah

COMMERCIAL/INDUSTRIAL ELECTRICIAN

4th Year, 2nd Semester

Course Competency	Sub-Competency	Lessons	Time
Pre-Course	Exam Prep: Code and Theory	Self-Paced Exam Preparation: Code and Theory	
Course Orientation	Course Overview	Administrative Requirements Course Introduction	1 hour
Competency: Project Planning & Initiation	Referencing and Interpreting Code	Auxiliary Gutters	25 hours
		Derating	
		Grounding and Bonding	
	Installation Design	Motor Branch Circuit Installation Motor Feeder Circuit Installation	
Competency: Motor Speed Control II	Speed Control	Compelling, Accelerating and Decelerating Control Methods	19 hours
	Motor Drives	Electronic Motor Drives	
	Preventative Maintenance	Motor Maintenance	
Competency: PLRs and PLCs	PLRs and PLCs	Programmable Controllers	22 hours
		Programmable Relays	
Competency: Capstone Project	Exam Preparation: Practical	Hands-on Lab, Practice and Coaching	13 hours
		Practical Assessment	

WECA Curriculum Development Process

WECA employs a dedicated team of curriculum developers comprising instructional designers, curriculum development leads and managers, technical illustrators, eLearning specialists, and subject matter experts in the electrical field.

WECA instructional designers and subject matter experts study the systematic design of instruction and continually take supplemental training in such topics as instructional design methodologies, competency-based curriculum development and assessment, best practices in course development, learning technologies, and vocational instruction credentialing. WECA team members with dedicated curriculum roles all hold advanced certifications in the field, ranging from university Master's level Graduate Certificates in Training System Development to Master Instructional Designer Certificates from the professional Association for Talent Development (ATD).

WECA's original curriculum is complemented by the inclusion of interwoven content from industry-standard electrical textbooks from publishers including Cengage and Mike Holt.

WECA follows best practices for instructional design, including adherence to systematic models of instructional design; grading tied to demonstrable learning objectives with continuous assessment and feedback; competency-based grading rubrics with clear student explanations of how to achieve maximum competency ratings; regular collection of apprentice and instructor feedback on the efficacy of the curriculum and instruction; and Agile development methodologies for swift, responsive, and continuous correction and improvement to curriculum.

WECA Instructor Qualifications and Training

- Must be a licensed Journey level Electrician
- Complete 3-year CTE Teacher Credential Program
- Extensive cross-training for each course taught
- A minimum of 30 hours of industry related training annually

Additionally, Instructors have completed:

- ATD Master Trainer Certification
- Bob Pike Student Engagement Training

Instructors are also required to complete 4 job site visits each year where they focus on industry practices and feedback from the Journey Person leading our apprentices.

A Few Testimonials from WECA Apprentices and Member Contractors

WECA Apprentices

Kevin Martinez, Current WECA Commercial Electrical Apprentice, Expected Class of 2022:

In WECA's apprenticeship program I have learned everything from work ethic to electrical work installation in new commercial and in residential. I have gotten the opportunity to work in different environments and different crews, meaning doing different tasks and becoming a well-rounded electrician. Not many get this opportunity. From underground, to deck work, rough-in, electrical rooms, equipment, lighting, the list goes on. Fell in love with the process and I recommend to anyone trying to join this trade to really give it a chance. It may be hard labor at times, but the more you learn and the more you see, it makes you as an apprentice strive for more.

Tommy Meyers, Current WECA Commercial Electrical Apprentice, Expected Class of 2022:

In class, you learn things such as electrical theory, the National Electrical Code, how to read blueprints, how to size conductors, how to size services for commercial and residential buildings, how to design and build motor control circuits, and so, so much more! WECA well prepares you to pass your Journeyman exam, so you walk into the examination site confident in passing. You take what you learn in class and apply it in the field, and it helps you understand the greater scheme of things. Don't get me wrong -- I still learn something new every day, but overall the WECA apprenticeship flew by in the blink of an eye, and I would recommend it to everyone!

Demi Zayas, WECA Commercial Electrical Apprenticeship Graduate (and Valedictorian), Class of 2018

"WECA was the gateway to the life I have today. It taught me everything in this open, accepting and wonderfully explanatory place. [You can] just really broaden your knowledge in this field, and really get to understand the nuts and bolts of how electricity works and how these buildings get powered and put together."

Nikolaus Moser, WECA Commercial Electrical Apprenticeship Class of 2013:

"One of things I enjoyed most about WECA's apprenticeship program was the interaction between the teachers and the students. I have always been a person that wants to know 'why' and not just take what the books say at face value. Every teacher at WECA took the time to answer those questions. One of the instructors is the first person I email or call if I have an electrical question. I also want to give special thanks to all of the instructors— all of whom played a huge role in my electrical journey. Thank you for giving me a future in the industry that I've come to love."

WECA Member Contractors

Clint Alessandro, Alessandro Electric Inc.:

"I have been a part of the Western Electrical Contractors Association since 1998. I started as an apprentice and learned a great deal of electrical theory, code, and installation concepts, not only from the class itself but also from the classmates I interacted with over the five-year apprenticeship. I was able to use this knowledge to my benefit as an apprentice and journeyman electrician. Now, as an employer, it is apparent to me the quantity and quality of work a trained electrician is capable of completing when compared to an electrician who has not had the benefit of WECA's programs. The level of quality we are able to produce by using trained electricians has continually opened more doors for my company. Their knowledge has also saved countless dollars in mistakes, poor installation, and potential code violations that would have had to be repaired.

I highly suggest WECA to all electricians and contractors as this program continues to provide a top-notch training and assistance unmatched by any other program I have encountered.

Jeff Blakeslee, Blakeslee Electric:

"WECA's apprenticeship program is an important component in the success of our business. While it's easy to look only at the short term cost of the program, we believe these costs are far outweighed by the long term benefits. We utilize WECA's program not because we must, but because we see many advantages in doing so. First of all, when compared to others, the WECA apprenticeship program simply yields the best craftsman. But more than that, it helps develop an employee that is committed to the trade and has long term thinking. We don't want our people to think they are working at a job; we want them to know that this is their career. Our apprentices know the investment we are making in them and it shows in their work from day one.