ASSESSMENT DAY

College of Workforce, Continuing and Adult Education
School of Occupational Apprenticeships
Electrical Apprentice - Union
April 8, 2020

Strengths

Challenges

Recommendations

Academic Assessment

	LEVEL	FOCUS	CONDUCTED BY	FREQUENCY
Academic Success Committee	Program	• Quality of assessment practices	Committee of peers	Years 1 & 2
Instructional Program Review	Program / Cluster	• Enrollment, retention, completion • Industry certifications and job placement • Program budget and staffing • Advisory committees • Curriculum changes	Committee of peers	Year 3
Assessment Day	Course/ Program	• Enrollment by demographics • Graduation and retention • Average class size • Course success rate • Placement rate • SLOs, PLOs and ILOs	Program Chair and Faculty	Years 1, 2, 3

Programs

[1072 - Electrical Apprentice - Union](#)

Action Items from Last Assessment Day

Last Assessment Day: 04/17/2019

- Create a more inclusive atmosphere;
- Mentorship program using students;
- Include National trends for graduation and retention;
- Provide a better orientation for the instructors;
- Increase 1st year retention;
- IE: Set a meeting with Karen Sanders for letter they send out to admitted students.

Electrical Apprentice - Union #1072
Program Learning Outcomes

Graduates of the program will be able to:

PLO 1: Demonstrate knowledge and ability to follow rules, regulations, OSHA and the National Electrical Code.
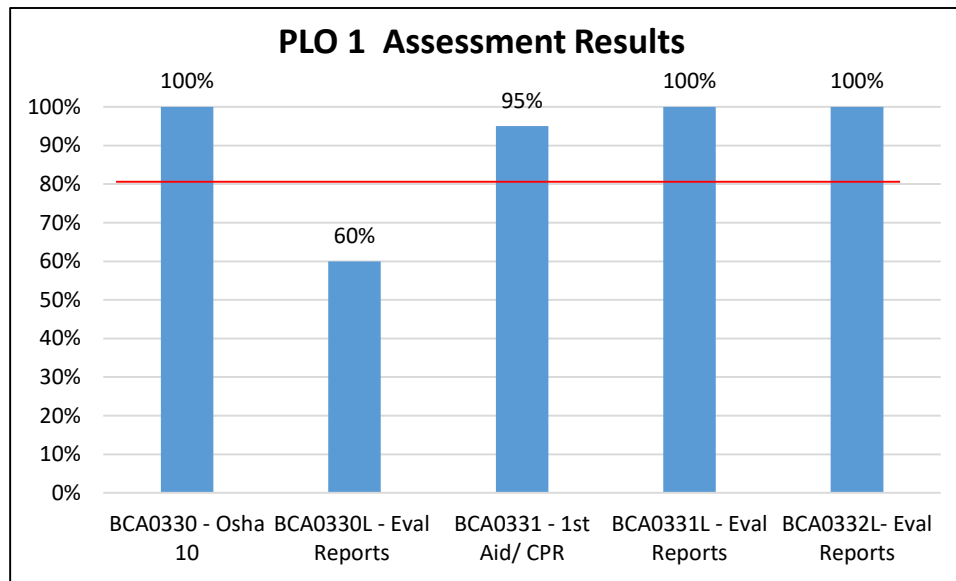
PLO 2: Identify and use different tools, equipment, materials and electrical products used in the trade.

PLO 3: Demonstrate proficiency in all aspects of the industry including but not limited to theory, application, troubleshooting and safety.

PLO 4: Demonstrate knowledge and skill in the residential, commercial and industrial markets.
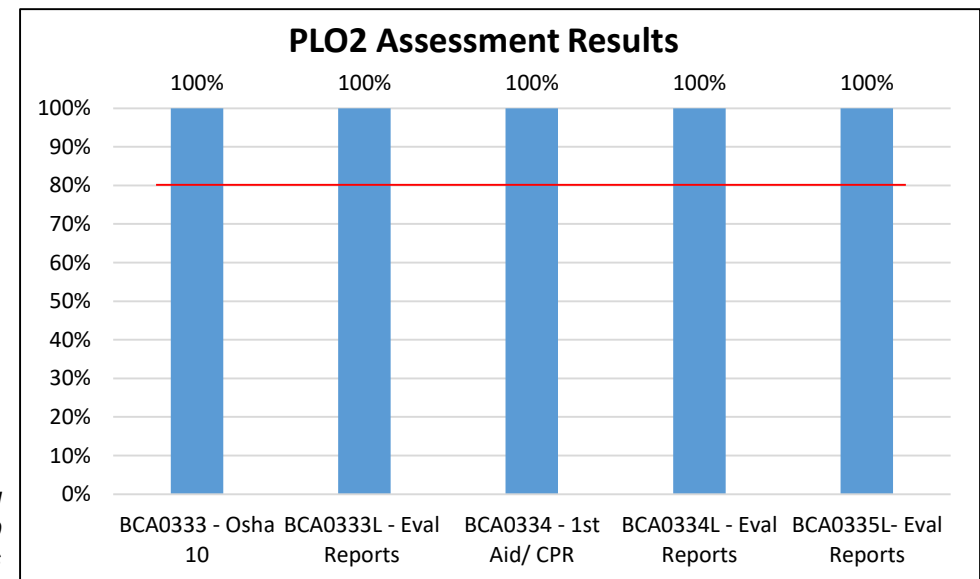
PLO 5: Demonstrate the ability to plan and initiate projects related to the field.

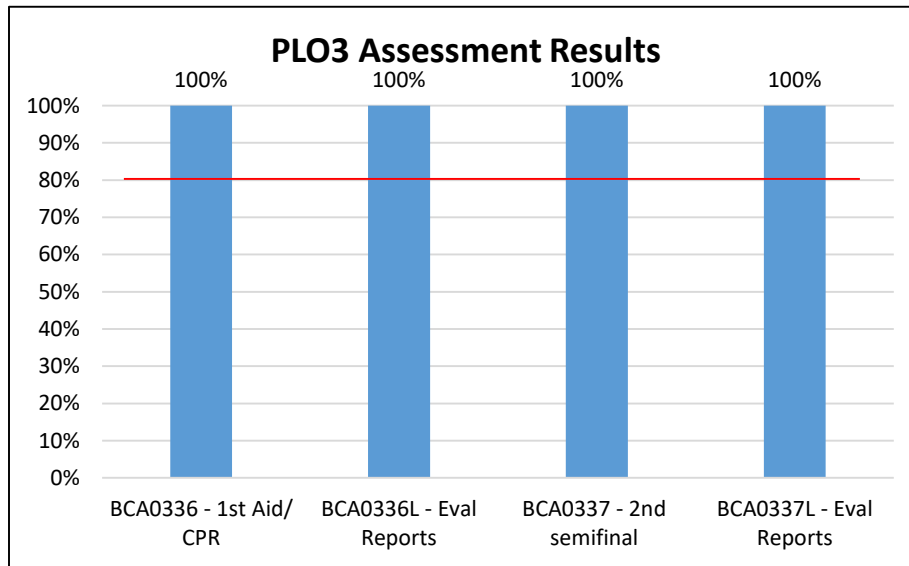# Assessment Results 2018-2019

PLO 1 Assessment Results

PLO1: Demonstrate knowledge and ability to follow rules, regulations, OSHA and the National Electrical Code. *Target: 80% of student will achieve 75% or higher – Semifinal Osha 10. 80% of students will achieve 75% or higher in Eval reports*

PLO2: Identify and use different tools, equipment, materials and electrical products used in the trade. *Target:80% of student will achieve 75% or higher – Semifinal Osha 10 80% of students will achieve 75% or higher in Eval reports*

PLO2 Assessment Results

Assessment Results 2018-2019

PLO3 Assessment Results

PLO3: Demonstrate proficiency in all aspects of the industry including but not limited to theory, application, troubleshooting and safety. *Target: 80% of student will achieve 75% or higher – Semifinal Osha 10. 80% of students will achieve 75% or higher in Eval reports*

PLO4 Assessment Results
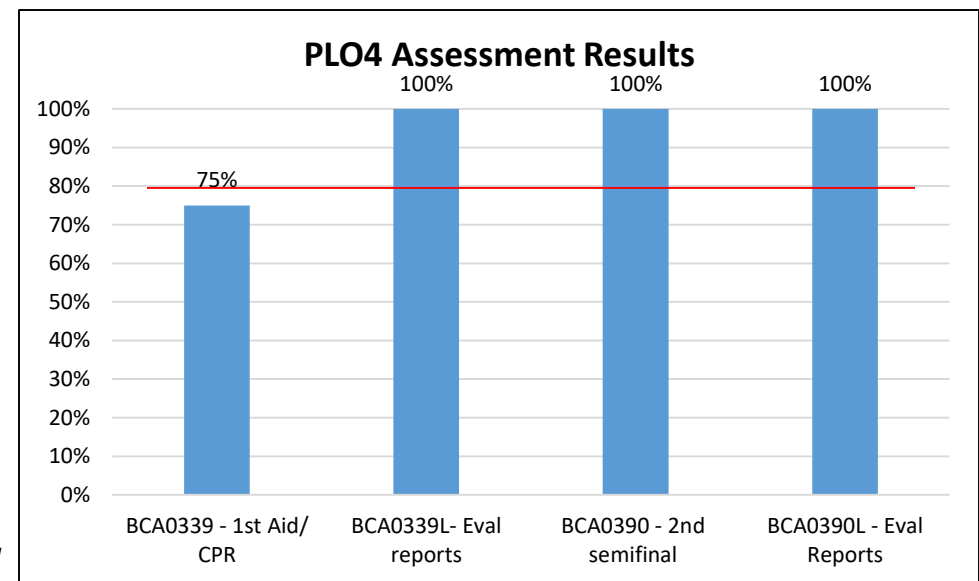
PLO4: Demonstrate knowledge and skill in the residential, commercial and industrial markets. *Target:80% of student will achieve 75% or higher – Semifinal Osha 10. 80% of students will achieve 75% or higher in Eval reports*
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Assessment Results 2018-2019

PLO5 Assessment Results
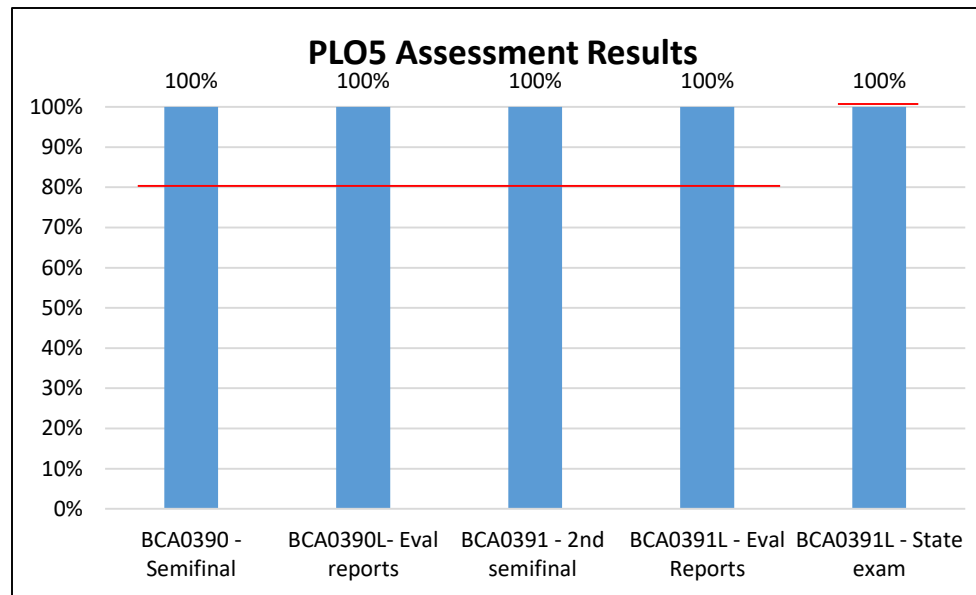
PLO5: Demonstrate the ability to plan and initiate projects related to the field.
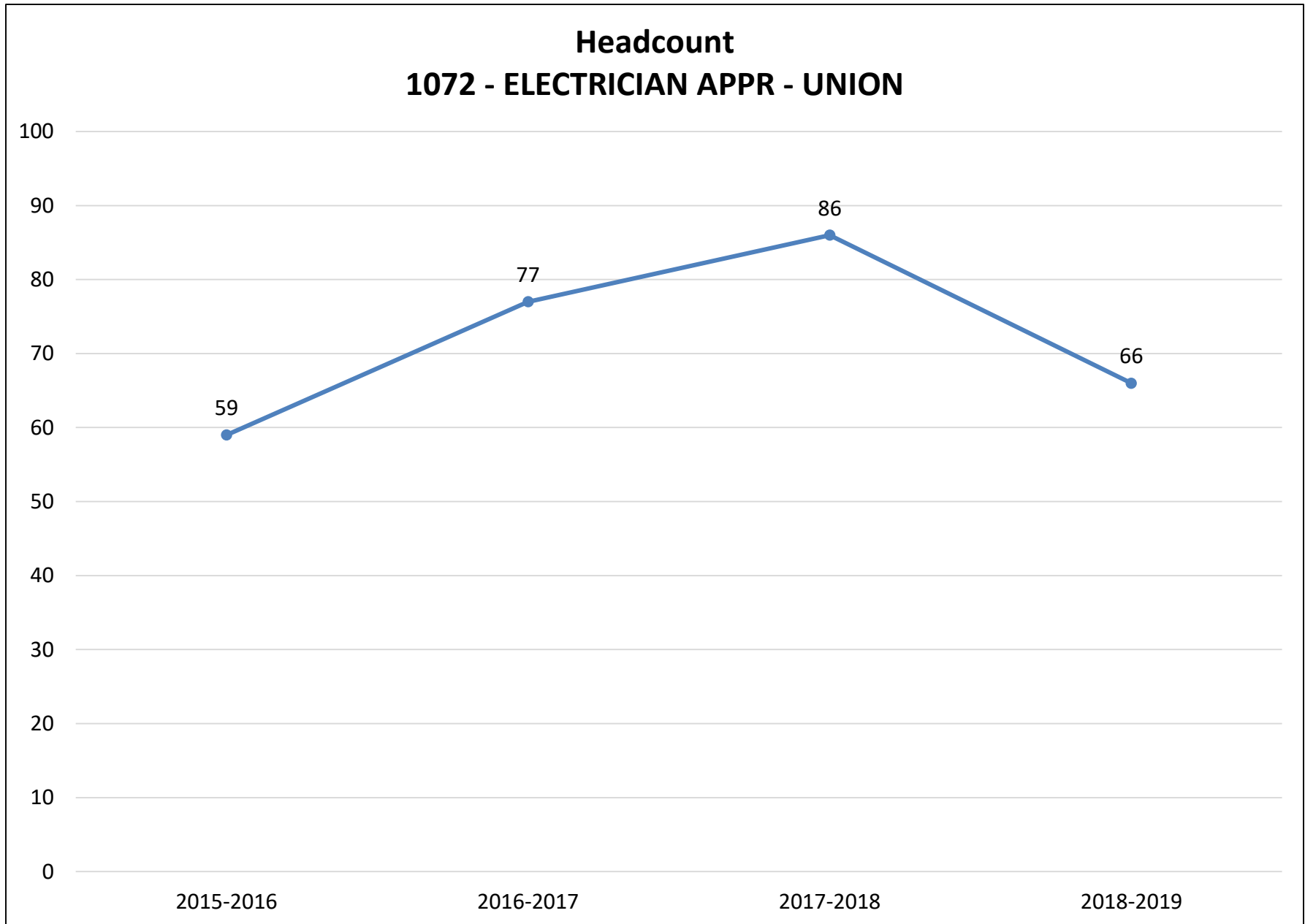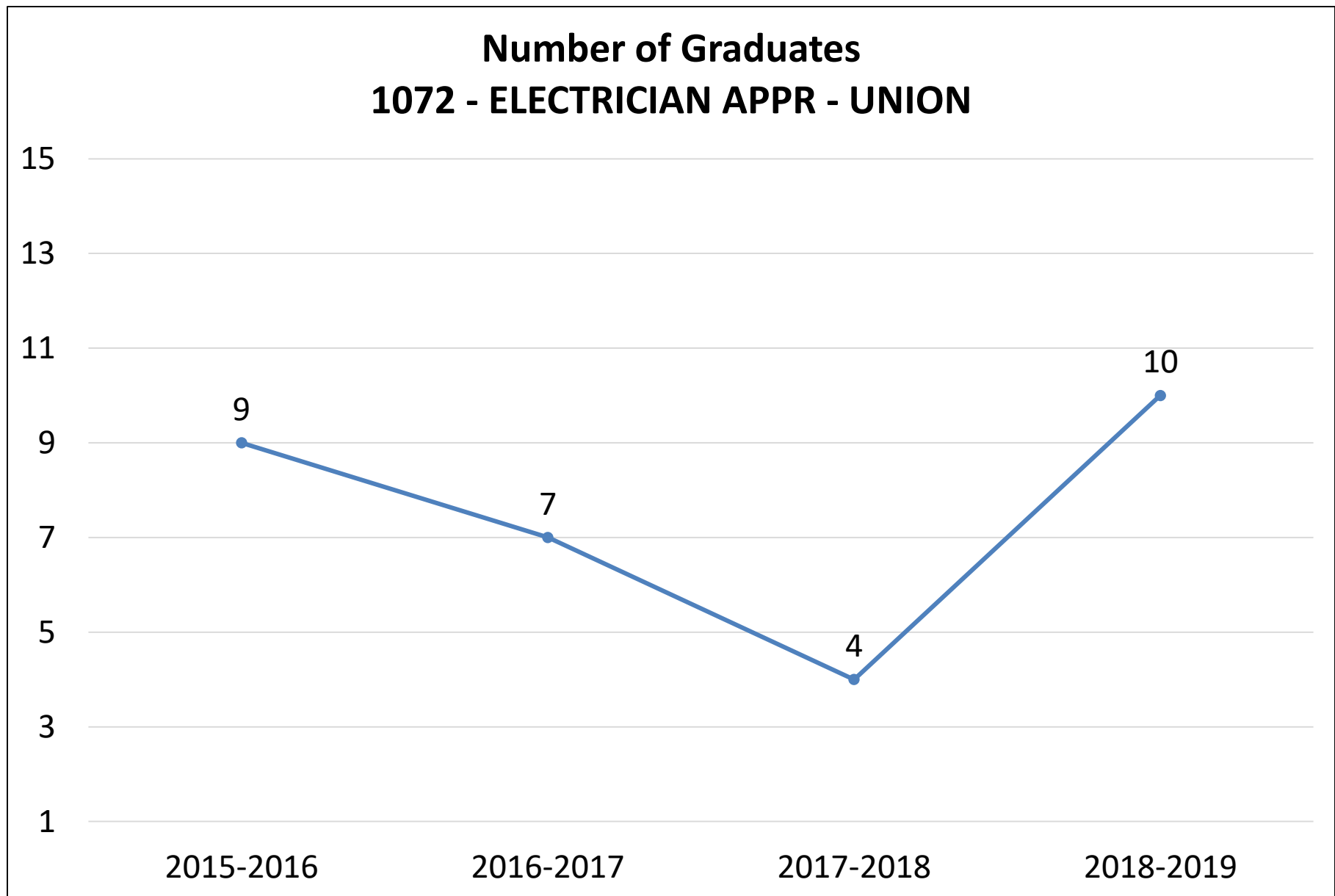*Target: 80% of student will achieve 75% or higher – Semifinal Osha 10*
80% of students will achieve 75% or higher in Eval reports
All students will have an up to date 1st Aid, CPR, and AED card. All students will have
a Journeyman License

Assessment Data
# Program vs. Institutional Learning Outcomes

Program	Critical/ Creative Thinking		Communication		Cultural Literacy		Information and Technical Literacy	
	17/18	18/19	17/18	18/19	17/18	18/19	17/18	18/19
1072 - ELECTRICIAN APPR - UNION	100%	100%	100%	100%	100%	100%	100%	100%

Source: School of Education Assessment Reports

Headcount
1072 - ELECTRICIAN APPR - UNION

Source: IR Program Assessment Data

Number of Graduates
1072 - ELECTRICIAN APPR - UNION

Source: IR Program Assessment Data

2018-2019 Number of Graduates by Race/Ethnicity
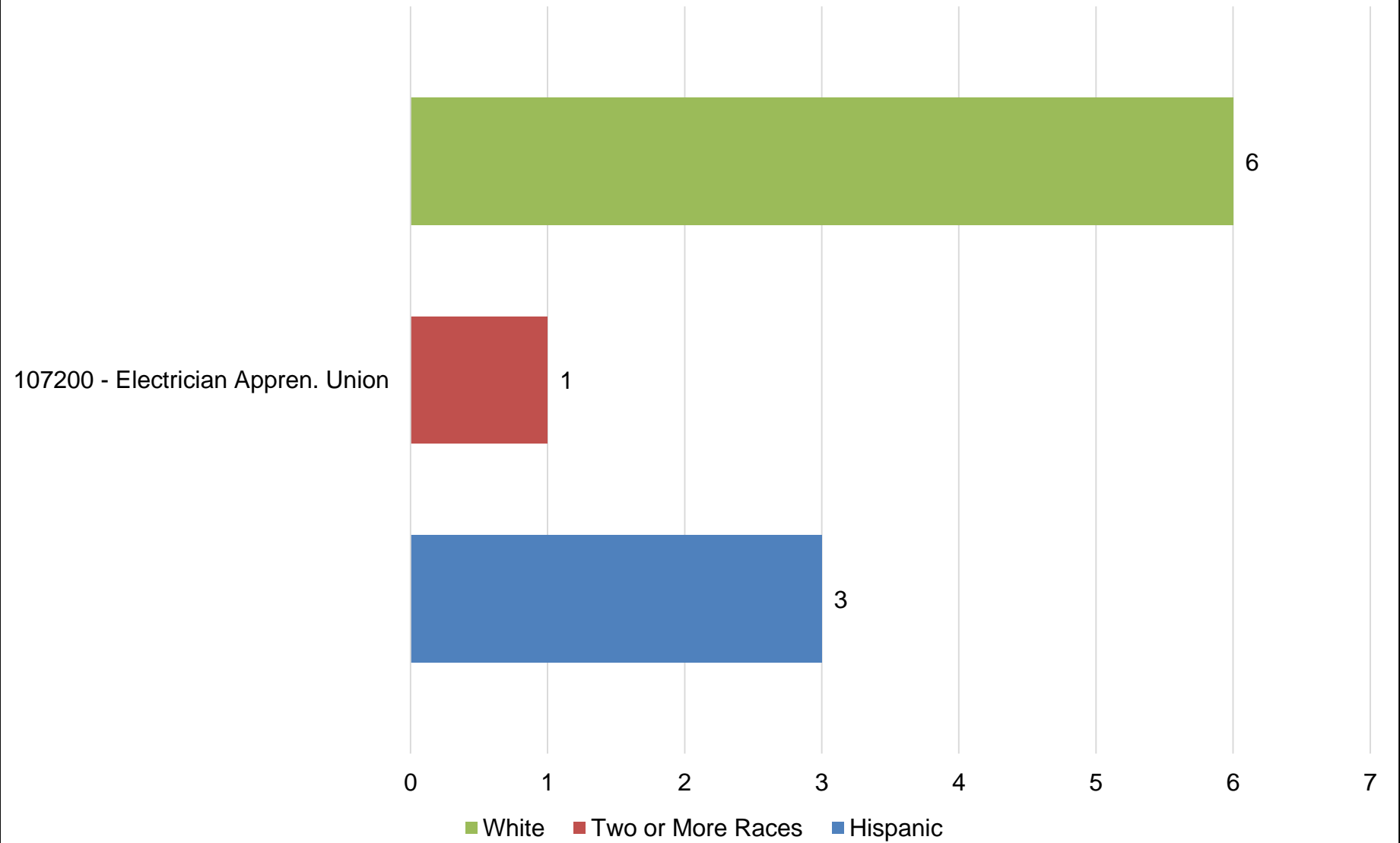
Source: IR Program Assessment Data

Performance Funding - Retention Rates

Program and Year		Registered	Exclusions	Adjusted Cohort	Retained by DSC		Retained by Program		Total Retained
					N	%	N	%	%
1072 ELECTRICIAN APPR - UNION	2011	37	5	32	0	0%	15	46.88%	46.88%
	2012	38	0	38	0	0%	20	52.63%	52.63%
	2013	40	0	40	0	0%	30	75.00%	75.00%
	2014	49	9	40	1	2.50%	27	67.50%	70.00%
	2015	48	7	41	1	2.43%	27	65.85%	68.28%
	2016	66	4	62	1	2%	48	77.00%	78.00%
	2017	79	10	69	0	0%	44	63.76%	63.76%

College average (67.1%)

Registered - Includes all students enrolled in the fall term of the specified year, with the specified program as their primary major.

Exclusions - Includes students who are deceased or graduated fall of the specified year or the following spring or summer.

Not retained - Students who were not registered the following fall term.

Retained by DSC - Students who were still registered at DSC the following fall but with a different primary major.

Retained by Program - Students who were registered the following fall with the same primary major.

Source: IR Program Assessment Data

Retention Rates by Race/Ethnicity

Major	Cohort	Race/Ethnicity	Registered	Exclusions	Adjusted Cohort	Retained by Program N	%
1072 ELECTRICIAN APPR - UNION	FA15 to FA16	Black	1	0	1	0	0%
		Hispanic	6	0	6*	3	50%
		Two or More Races	2	0	2	2	100%
		White	39	7	32	22	69%
	FA16 to FA17	Black	2	0	2	0	0%
		Hispanic	9	0	9	7	78%
		Two or More Races	2	0	2	1	50%
		White	53	4	49*	40	82%
	FA17 to FA18	Black	4	0	4	1	25%
		Hispanic	10	3	7	5	71.43%
		Two or More Races	2	1	1	0	0%
		Unknown	1	0	1	0	0%
		White	62	6	56	38	67.86%

*one student was retained by DSC

College average (African American: 49.9%, Hispanic: 66.3%)

Registered - Includes all students enrolled in the fall term of the specified year, with the specified program as their primary major.

Exclusions - Includes students who are deceased or graduated fall of the specified year or the following spring or summer.

Adjusted Cohort - Registered students less exclusions.

Not retained - Students who were not registered the following fall term.

Retained by DSC - Students who were still registered at DSC the following fall but with a different primary major.

Retained by Program - Students who were registered the following fall with the same primary major.

Retention Rates by Gender

Major	Cohort	Gender	Registered	Exclusions	Adjusted Cohort	Retained by Program N	%
1072 ELECTRICIAN APPR - UNION	FA17 to FA18	Female	3	1	2	2	100%
		Male	75	9	66	42	63.63%
		Unknown	1	0	1	0	0%

Source: IR Program Assessment Data

Performance Funding - Placement Rates
(College average: 95.5%)

Major	2010/11		2011/12		2012/13		2013/14		2014/15		2015/16		2016/17		Average Annual Salary
	DSC%	FCS%	DSC%	FCS%	DSC%	FCS%	DSC%	FCS%	DSC%	FCS%	DSC%	FCS%	DSC%	FCS%	
1071, 1072	60%	88%	87%	90%	73%	91%	89%	80%	50%	81%	100%	91%	100%	97%	$**,***

Indicates the College average above the State Averages
Indicates the College average same as the State Averages
Indicates the College average below the State Averages

*Currently Inactive Program
N/A - No placement data for the program.
$**,*** Less than 10 graduates found employed.

Source: IR Program Assessment Data

Course Success Rates

Major and Associated Courses (All Lecture)	2015-2016		2016-2017		2017-2018		2018-2019		
	Attempted	% Successful	Attempted	% Successful	Attempted	% Successful	Attempted	% Successful	
BCA0330	18	67%	39	87%	31	81%	38	79%	
BCA0330L	18	83%	34	85%	31	74%	37	78%	↑
BCA0331	15	73%	39	79%	22	86%	26	100%	
BCA0331L	15	73%	39	82%	20	95%	26	96%	
BCA0332L	15	87%	13	77%					
BCA0333	15	87%	11	82%	30	93%	22	68%	
BCA0333L	15	93%	16	88%	30	87%	22	73%	↑
BCA0334	13	100%	11	82%	29	79%	14	93%	
BCA0334L	13	100%	11	55%	28	79%	14	93%	
BCA0335L	7	71%	13	85%					
BCA0336	5	80%	11	91%	37	84%	14	100%	↑
BCA0336L	5	80%	11	100%	35	89%	14	100%	
BCA0337	4	100%	11	91%	9	78%	25	96%	
BCA0337L	4	100%	11	91%	10	70%	24	100%	
BCA0338	9	100%	4	100%	17	100%	24	100%	
BCA0338L	9	100%	5	80%	17	100%	24	100%	
BCA0339	9	100%	4	100%	10	100%	31	97%	
BCA0339L	9	100%	4	100%	10	100%	30	100%	
BCA0390	9	78%	4	100%	10	90%	7	100%	↑
BCA0390L	9	78%	4	100%	10	100%	7	100%	
BCA0391	9	100%	7	100%	4	100%	17	100%	
BCA0391L	9	100%	7	100%	4	100%	17	100%	
Major Total	265	88%	309	85%	394	87%	433	92%	↑

1072 - ELECTRICIAN APPR - UNION

Indicates a success rate of 90% or higher
Indicates a success rate between 70% and 89%
Indicates a success rate below 70%

Source: IR Program Assessment Data

Course Success Rate By Race/Ethnicity (1 of 2)

Program, Course, & Race/Ethnicity	2017-2018		2018-2019	
	Enrolled	Success Rate	Enrolled	Success Rate
1072 - Electrician - Union	394	87%	433	92%
BCA0330	31	81%	38	79%
Black	4	50%	2	50%
Hispanic	3	100%	4	75%
Two or More Races	1	100%	1	100%
Unknown/Prefer not to answer	1	100%	2	100%
White	22	82%	29	79%
BCA0330L	31	74%	37	78%
Black	4	50%	2	50%
Hispanic	3	100%	4	100%
Two or More Races	1	100%	1	100%
Unknown/Prefer not to answer	1	100%	2	100%
White	22	73%	28	75%
BCA0331	22	86%	26	100%
Hispanic	3	100%	2	100%
Two or More Races	1	100%	1	100%
Unknown/Prefer not to answer			2	100%
White	17	82%	21	100%
BCA0331L	20	95%	26	96%
Hispanic	3	100%	2	100%
Two or More Races	1	100%	1	100%
Unknown/Prefer not to answer			2	100%
White	15	93%	21	95%
BCA0333	30	93%	22	68%
Black	1	0%	1	100%
Hispanic	4	100%	4	50%
Two or More Races			1	0%
White	25	96%	16	75%
BCA0333L	30	87%	22	73%
Black	1	0%	1	100%
Hispanic	4	100%	4	50%
Two or More Races			1	100%
White	25	88%	16	75%

Program, Course, & Race/Ethnicity	2017-2018		2018-2019	
	Enrolled	Success Rate	Enrolled	Success Rate
BCA0334	29	79%	14	93%
Black			1	100%
Hispanic	4	100%	2	100%
White	25	76%	11	91%
BCA0334L	28	79%	14	93%
Black			1	100%
Hispanic	4	100%	2	100%
White	24	75%	11	91%
BCA0336	37	84%	14	100%
Black			1	100%
Hispanic	4	100%	2	100%
White	33	82%	11	100%
BCA0336L	35	89%	14	100%
Black			1	100%
Hispanic	4	100%	2	100%
White	31	87%	11	100%
BCA0337	9	78%	25	96%
Hispanic			4	100%
White	9	78%	21	95%
BCA0337L	10	70%	24	100%
Hispanic			4	100%
White	10	70%	20	100%
BCA0338	17	100%	24	100%
Hispanic	3	100%	4	100%
White	13	100%	20	100%
BCA0338L	17	100%	24	100%
Hispanic	3	100%	4	100%
White	13	100%	20	100%
BCA0339	10	100%	31	97%
Hispanic	3	100%	4	100%
White	6	100%	27	96%

Indicates a success rate of 90% or higher
Indicates a success rate between 70% and 89%
Indicates a success rate below 70%

Course Success Rate By Race/Ethnicity (2 of 2)

Program, Course, & Race/Ethnicity	2017-2018		2018-2019	
	Enrolled	Success Rate	Enrolled	Success Rate
BCA0339L	10	100%	30	100%
Hispanic	3	100%	4	100%
White	6	100%	26	100%
BCA0390	10	90%	7	100%
Hispanic	3	100%		
Two or More Races	1	0%		
White	6	100%	7	100%
BCA0390L	10	100%	7	100%
Hispanic	3	100%		
Two or More Races	1	100%		
White	6	100%	7	100%
BCA0391	4	100%	17	100%
Hispanic			3	100%
Two or More Races			1	100%
White	4	100%	13	100%
BCA0391L	4	100%	17	100%
Hispanic			3	100%
Two or More Races			1	100%
White	4	100%	13	100%

Indicates a success rate of 90% or higher
Indicates a success rate between 70% and 89%
Indicates a success rate below 70%

Course Success Rate By Race and Ethnicity

Race/Ethnicity	2017-2018		2018-2019	
	Enrolled	Success Rate	Enrolled	Success Rate
Black	12	50%	10	80%
Hispanic	54	100%	58	91%
Two or More Races	10	90%	8	88%
Unknown/Prefer not to answer	2	100%	8	100%
White	316	86%	349	93%
Grand Total	394	87%	433	92%

Indicates a success rate of 90% or higher
Indicates a success rate between 70% and 89%
Indicates a success rate below 70%

Source: IR Program Assessment Data

Civitas Learning – illume Students

Civitas Learning – illume Courses