ASSESSMENT DAY

College of Workforce, Continuing and Adult Education
School of Occupational Apprenticeships
Electrical Apprentice – Non-Union
April 6, 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

[1071 - Electrical Apprentice - Non-Union](#)

Action Items from Last Assessment Day

Last Assessment Day: 4/15/2019

- Incorporating their graduating class picture into marketing materials
- Auto-graduation process
- Mr. Snyder to provide OSHA contact and CTE Administrative contact for Volusia School

Electrical Apprentice - Non-Union #1071 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.
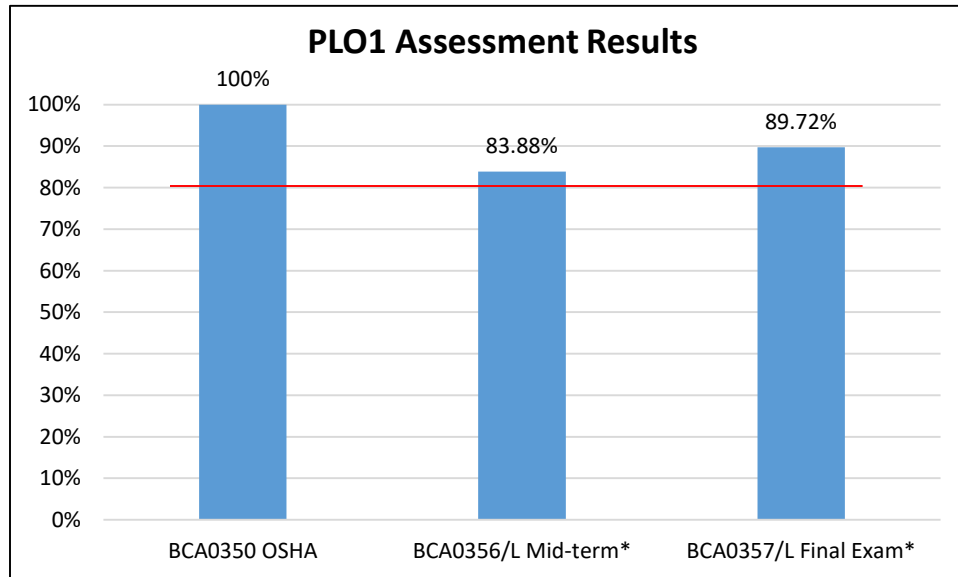
PLO 2: Identify and use different tools, equipment, materials and electrical products used in the trade.

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.
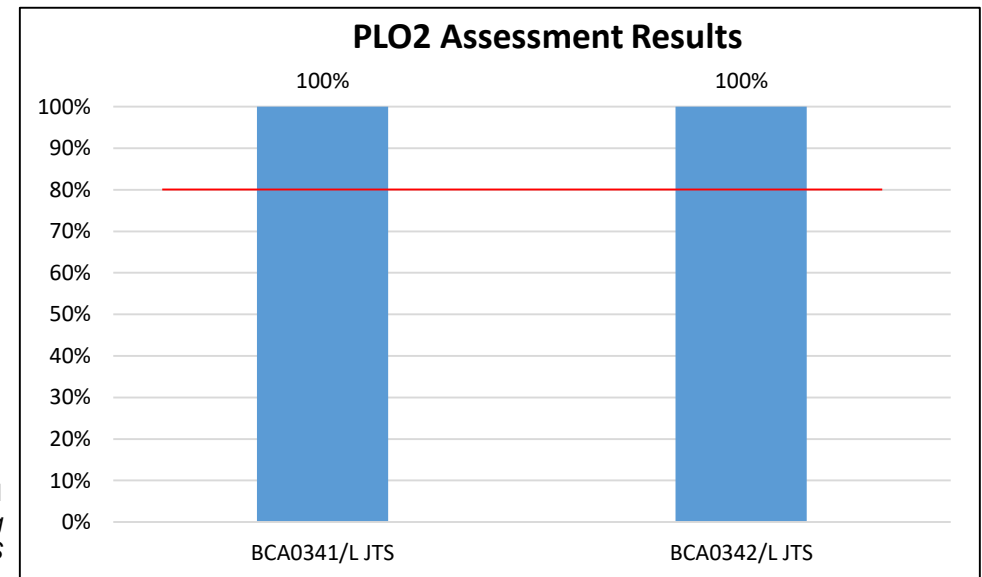
Assessment Results 2018-2019

PLO1 Assessment Results

PLO1: Demonstrate knowledge and ability to follow rules, regulations, OSHA and the National Electrical Code. *Target: 80% of student will pass the OSHA 80% of students will achieve 70% or higher in the Mid-term and Final Exam.*

*Results are given in average

PLO2 Assessment Results

PLO2: Identify and use different tools, equipment, materials and electrical products used in the trade. *Target: 85% of students scoring average or above for all JTS*

Assessment Results 2018-2019
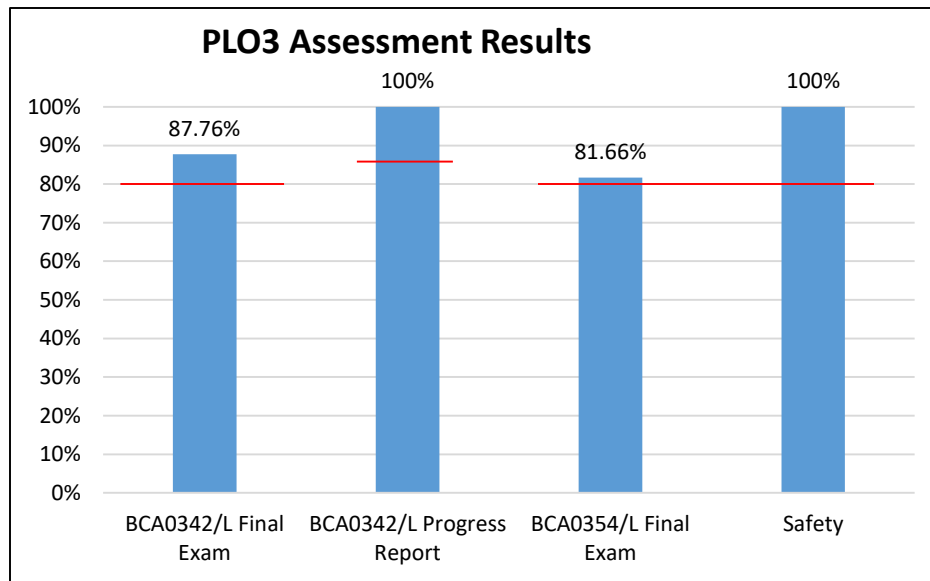
PLO3 Assessment Results

PLO3: Demonstrate proficiency in all aspects of the industry including but not limited to theory, application, troubleshooting and safety. *Target:80% of students will achieve 70% or higher in the Final Exams. 85% of students achieving "fair" or better in the Progress Report.*

PLO4: Demonstrate knowledge and skill in the residential, commercial and industrial markets. *Target:85% of students will achieve "fair" or better in the Progress Report. 80% of students will achieve 70% or higher in the Final Exams.*
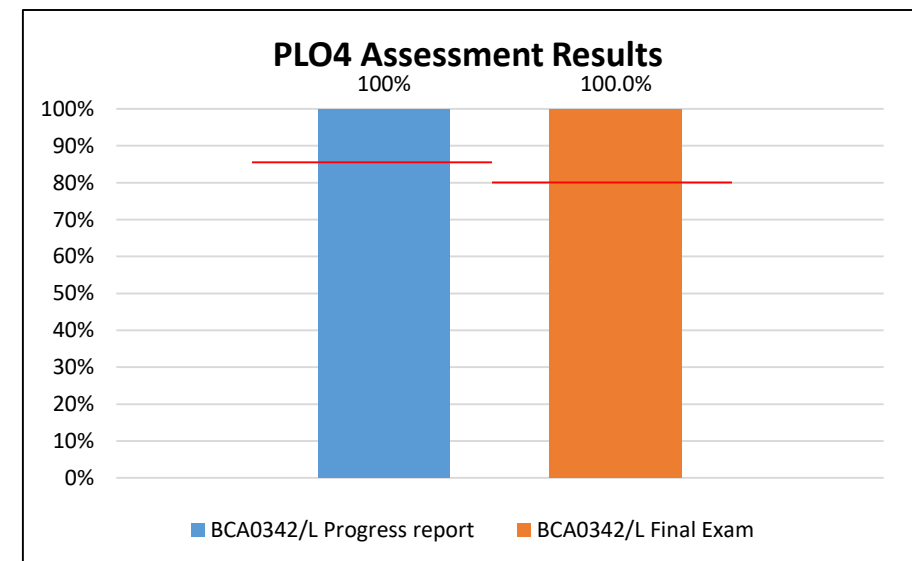
PLO4 Assessment Results

Assessment Results 2018-2019

PLO5 Assessment Results
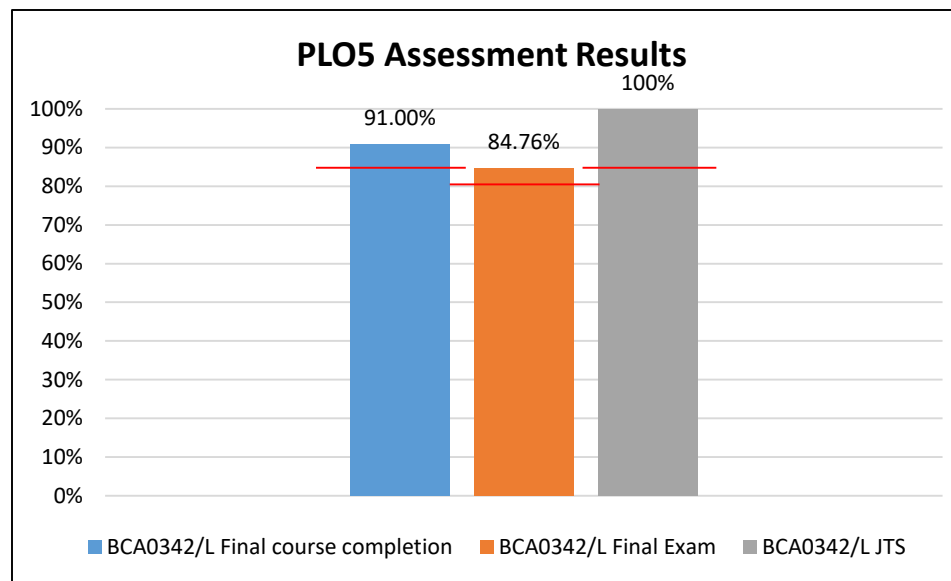
PLO5: Demonstrate the ability to plan and initiate projects related to the field.
*Target: 85% of students will achieve 70% or higher in the final course.
80% of students will achieve 70% or higher in the Final Exams.
85% of students scoring average or above for all JTS*

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
1071 - ELECTRICIAN APPR - NON-UNION	91%-100%	89.7%-100%	91%-100%	89.7%-100%	91%-100%	89.7%-100%	91%-100%	89.7%-100%

Source: School of Education Assessment Reports

**Headcount
1071 - Electrician - Non-Union**

Source: IR Program Assessment Data
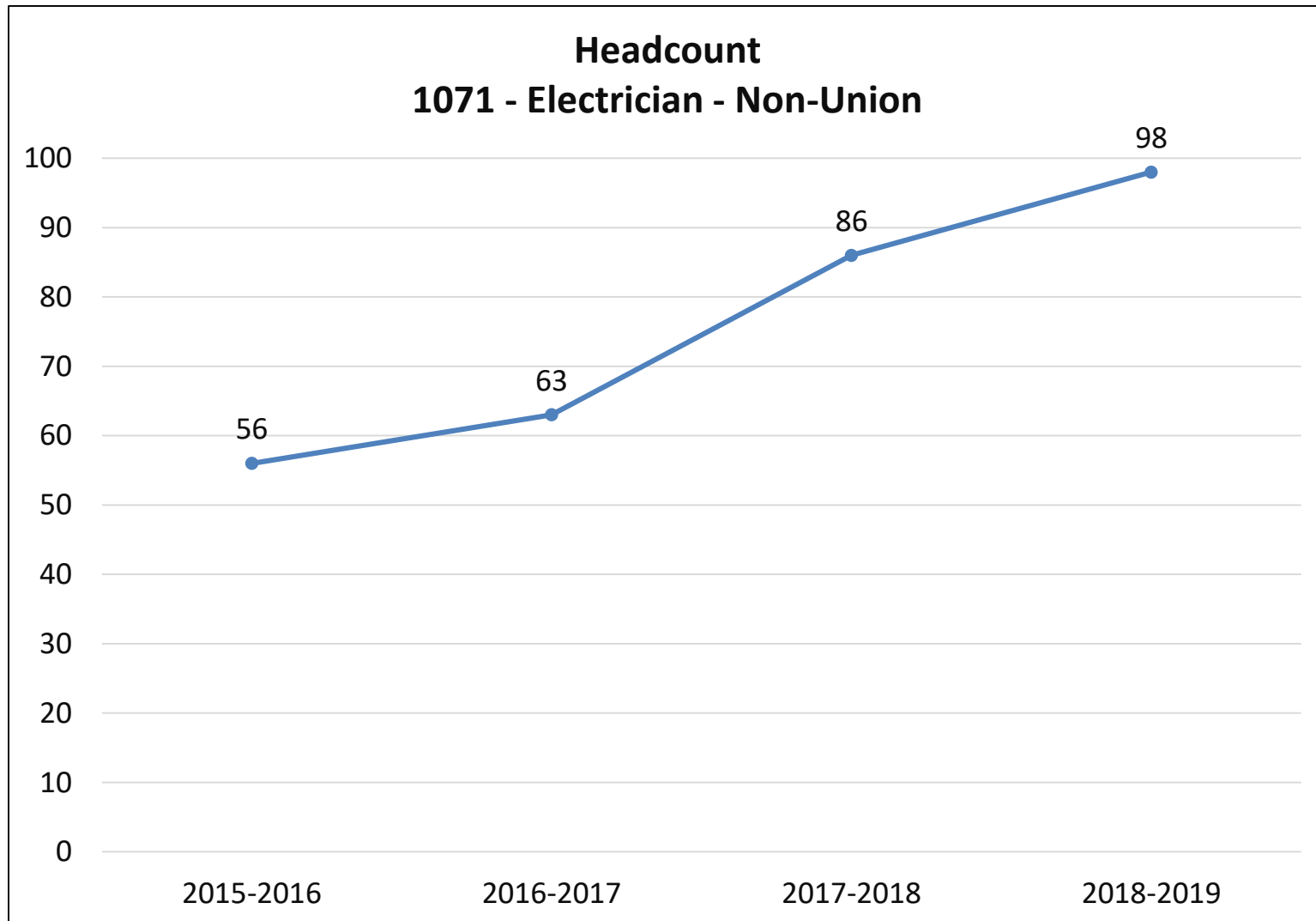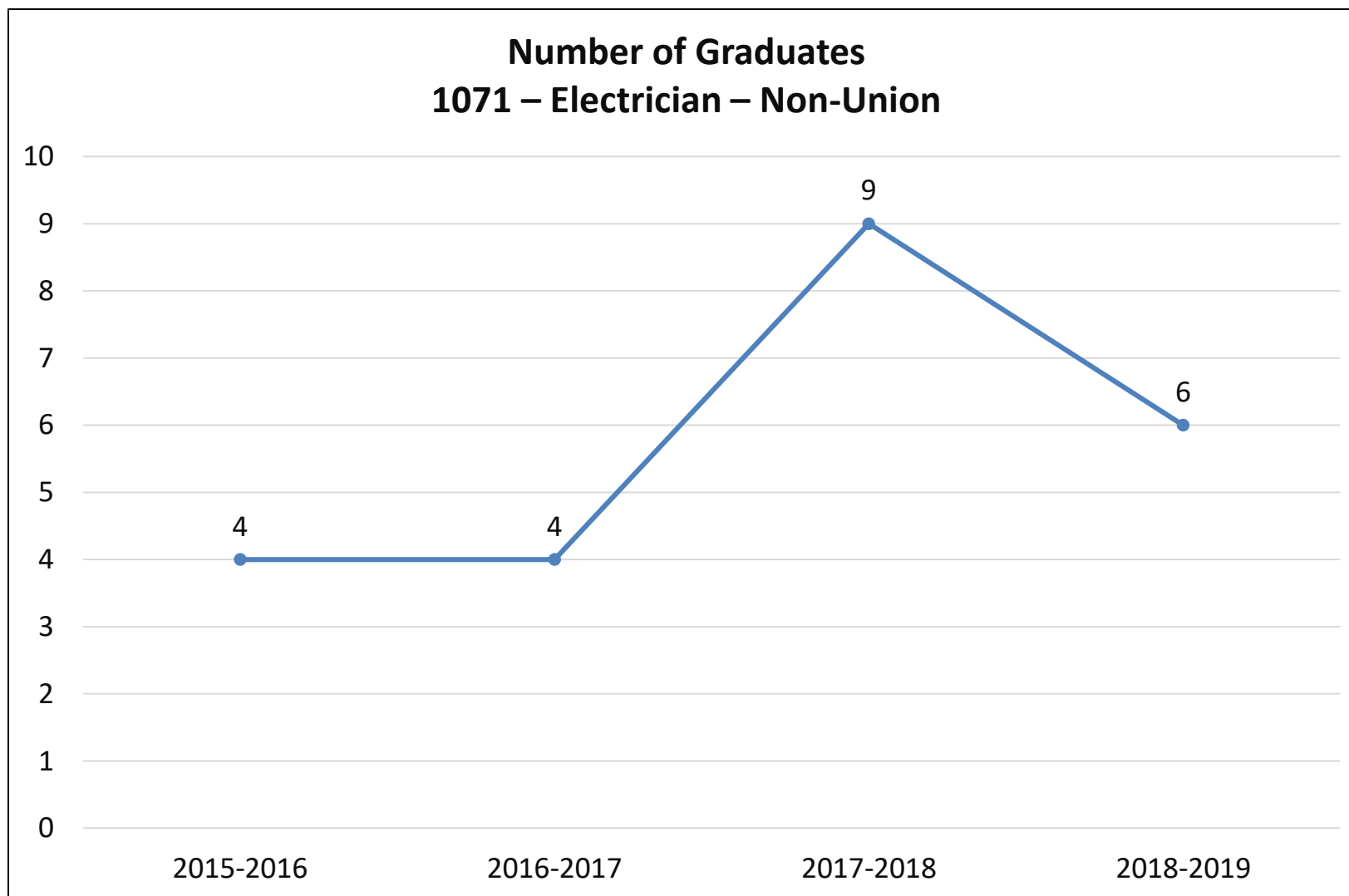
Source: IR Program Assessment Data

Number of Graduates by Race/Ethnicity

107100 - Electrician Appren. Non-Union

5

1

0   1   2   3   4   5   6

■ White ■ Black

Source: IR Program Assessment Data
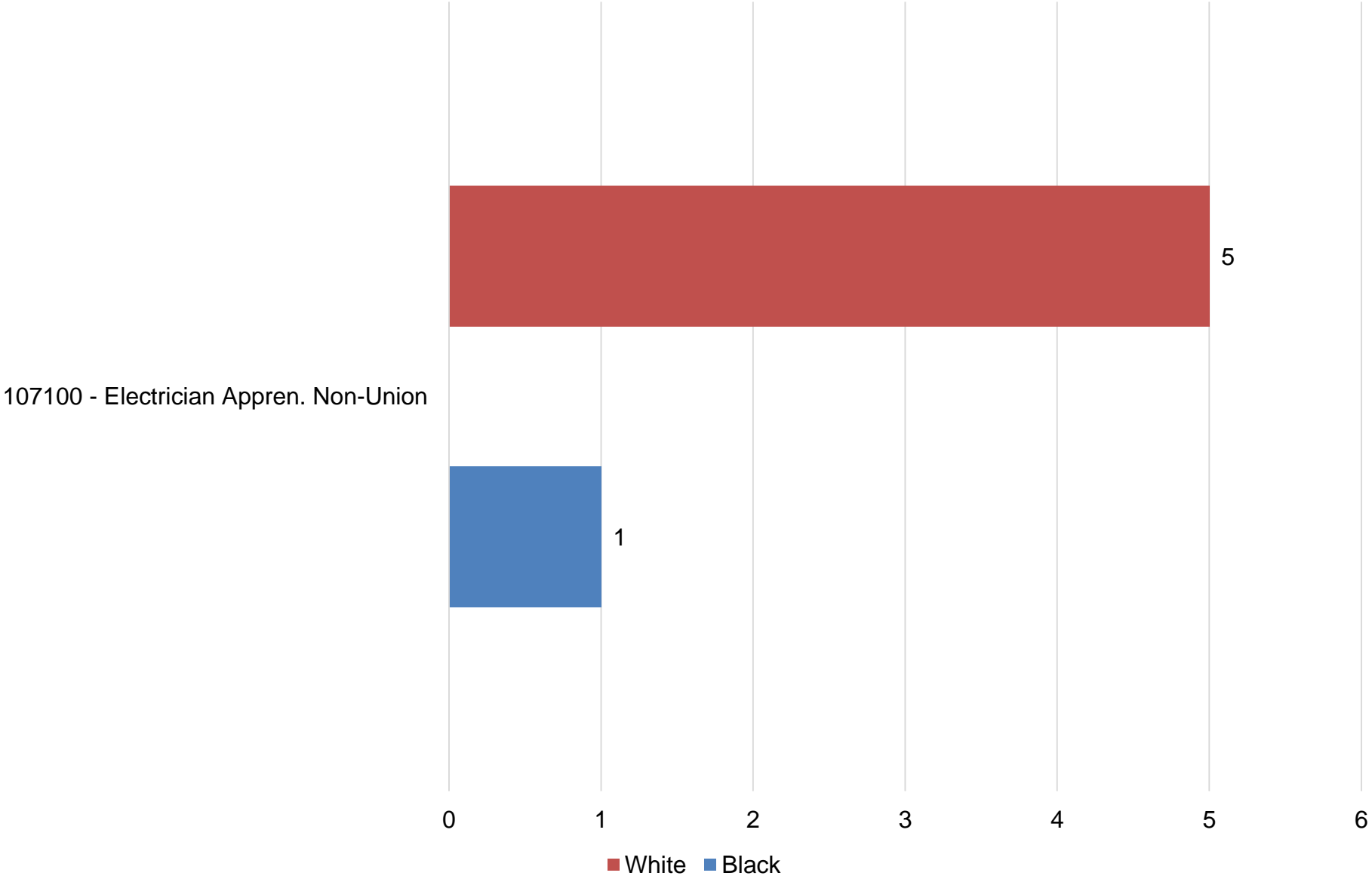
Performance Funding - Retention Rates

Program and Year		Registered	Exclusions	Adjusted Cohort	Retained by DSC		Retained by Program		Total Retained
					N	%	N	%	%
1071 ELECTRICIAN APPR - NON-U	2011	44	13	31	0	0%	16	51.61%	51.61%
	2012	35	6	29	0	0%	16	55.17%	55.17%
	2013	36	3	33	0	0%	21	63.64%	63.64%
	2014	38	3	35	0	0%	26	74.29%	74.29%
	2015	49	4	45	1	2.2%	35	77.8%	80.0%
	2016	57	9	48	1	2%	39	81%	83%
	2017	74	6	68	0	0%	43	63.23%	63.23%

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	%
1071 ELECTRICIAN APPR - NON-UNION	FA15 to FA16	Black	2	1	1	1	100%
		Hispanic	8	0	8	8	100%
		White	34	3	31	22	71%
	FA16 to FA17	Black	2	0	2	2	100%
		Hispanic	13	3	10	8	80%
		Two or More Races	1	0	1	1	100%
		White	36	5	31*	24	77%
	FA17 to FA18	Black	6	1	5	2	40%
		Hispanic	16	0	16	10	62.5%
		Two or More Races	2	0	2	0	0%
		Unknown	5	0	5	4	80%
		White	45	5	40	27	67.5%

*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.

Source: IR Program Assessment Data

Retention Rates by Gender

Major	Cohort	Gender	Registered	Exclusions	Adjusted Cohort	Retained by Program	
						N	%
1071 ELECTRICIAN APPR - NON-UNION	FA17 to FA18	Female	2	0	2	2	100%
		Male	72	6	66	41	62.1%

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 courses are Lecture at the ATC)	2015-2016		2016-2017		2017-2018		2018-2019	
	Attempted	% Successful	Attempted	% Successful	Attempted	% Successful	Attempted	% Successful
BCA0340L	4	75%	9	100%	12	100%	10	90%
BCA0341	4	100%	9	100%	12	100%	9	100%
BCA0341L	4	100%	9	100%	12	83%	9	89%
BCA0342	4	100%	9	100%	12	92%	9	100%
BCA0342L	4	100%	9	100%	11	91%	9	100%
BCA0343L	3	100%			9	100%	11	91%
BCA0350	23	65%	21	81%	35	69%	42	79%
BCA0350L	23	96%	21	81%	35	80%	42	79%
BCA0351	21	76%	19	79%	26	92%	31	87%
BCA0351L	21	95%	19	95%	25	100%	31	87%
BCA0352L	15	87%			18	78%	25	100%
BCA0353	13	77%	17	82%	13	77%	24	96%
BCA0353L	13	92%	17	76%	15	80%	24	96%
BCA0354	12	83%	14	79%	11	91%	23	91%
BCA0354L	12	100%	14	100%	10	100%	23	96%
BCA0355L	9	100%			14	71%	10	100%
BCA0356	10	60%	12	100%	12	83%	9	100%
BCA0356L	10	90%	12	100%	14	71%	9	100%
BCA0357	9	100%	12	100%	10	90%	9	100%
BCA0357L	9	100%	12	100%	10	90%	9	100%
Major Total	192	86%	235	90%	316	85%	368	91%

Row label (spanning): 1071 - ELECTRICIAN APPR - NON-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	
	# Students Enrolled	Success Rate	# Students Enrolled	Success Rate
1071 - Electrician - Non-Union	**316**	**85%**	**368**	**91%**
BCA0340L	12	100%	10	90%
Hispanic	1	100%	4	100%
Unknown			3	100%
White	10	100%	3	67%
BCA0341	12	100%	9	100%
Hispanic	1	100%	4	100%
Unknown			3	100%
White	10	100%	2	100%
BCA0341L	12	83%	9	89%
Hispanic	1	100%	4	75%
Unknown			3	100%
White	10	80%	2	100%
BCA0342	12	92%	9	100%
Hispanic	1	100%	4	100%
Unknown			3	100%
White	10	90%	2	100%
BCA0342L	11	91%	9	100%
Hispanic	1	100%	4	100%
Unknown			3	100%
White	9	89%	2	100%
BCA0343L	9	100%	11	91%
Black			1	100%
Hispanic	3	100%	1	100%
White	5	100%	9	89%
BCA0350	35	69%	42	79%
Black	4	25%	6	67%
Hispanic	9	56%	7	71%
Native Hawaiian			1	100%
Unknown			1	100%
White	20	85%	27	81%

Program, Course, & Race/Ethnicity	2017-2018		2018-2019	
	# Students Enrolled	Success Rate	# Students Enrolled	Success Rate
BCA0350L	35	80%	42	79%
Black	4	75%	6	67%
Hispanic	9	78%	7	71%
Native Hawaiian			1	100%
Unknown			1	100%
White	20	80%	27	81%
BCA0351	26	92%	31	87%
Black	2	50%	4	75%
Hispanic	6	83%	5	100%
Native Hawaiian			1	100%
Unknown			1	100%
White	17	100%	20	85%
BCA0351L	25	100%	31	87%
Black	2	100%	4	100%
Hispanic	5	100%	5	80%
Native Hawaiian			1	100%
Unknown			1	100%
White	17	100%	20	85%
BCA0352L	18	78%	25	100%
Black			2	100%
Hispanic	5	60%	5	100%
Unknown			1	100%
White	12	92%	17	100%
BCA0353	13	77%	24	96%
Black			1	100%
Hispanic	2	50%	5	80%
Unknown			1	100%
White	11	82%	17	100%
BCA0353L	15	80%	24	96%
Black			1	100%
Hispanic	3	67%	5	80%
Unknown			1	100%
White	11	91%	17	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/Ethnicity (2 of 2)

| Program, Course, & Race/Ethnicity	2017-2018		2018-2019	
	# Students Enrolled	Success Rate	# Students Enrolled	Success Rate
BCA0354	11	91%	23	91%
Black			1	100%
Hispanic	2	50%	4	100%
Unknown			1	0%
White	9	100%	17	94%
BCA0354L	10	100%	23	96%
Black			1	100%
Hispanic	1	100%	4	100%
Unknown			1	100%
White	9	100%	17	94%
BCA0355L	14	71%	10	100%
Hispanic	4	100%	1	100%
White	5	80%	9	100%
BCA0356	12	83%	9	100%
Hispanic	4	100%	1	100%
White	4	75%	8	100%
BCA0356L	14	71%	9	100%
Hispanic	4	100%	1	100%
White	5	60%	8	100%
BCA0357	10	90%	9	100%
Hispanic	4	100%	1	100%
White	3	67%	8	100%
BCA0357L	10	90%	9	100%
Hispanic	4	100%	1	100%
White	3	67%	8	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

Program, Course, & Race/Ethnicity	2017-2018		2018-2019	
	# Students Enrolled	Success Rate	# Students Enrolled	Success Rate
Black	19	63%	27	81%
Hispanic	70	83%	73	89%
Native Hawaiian			4	100%
Two or More Races	4	25%		
Unknown	23	83%	24	96%
White	200	90%	240	92%
Grand Total	316	85%	368	91%

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
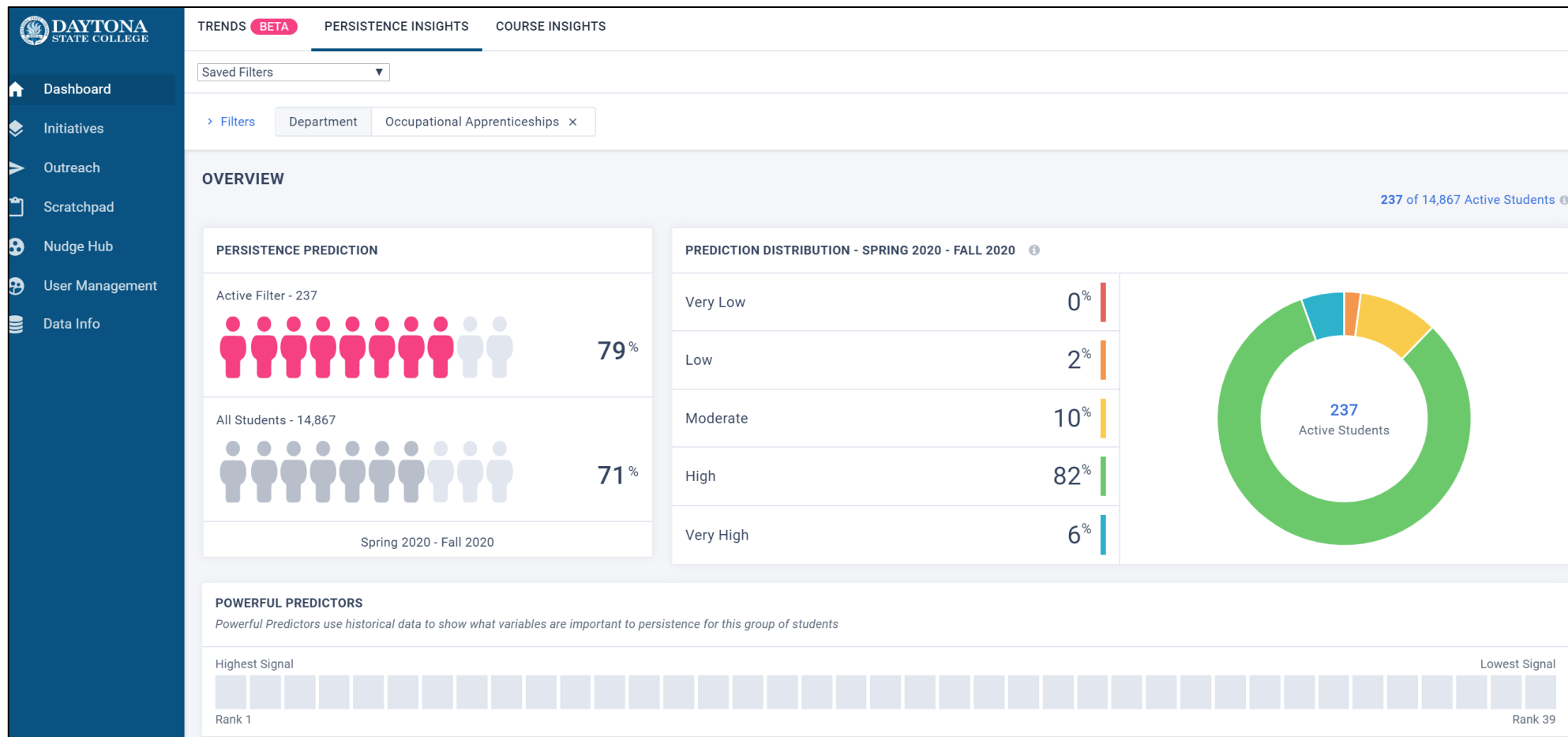
Civitas Learning – illume Courses

Screen captured on 3/23/20202