ASSESSMENT DAY

Mary Karl College of Workforce and Continuing Education

School of Occupational Apprenticeships

Electrical Apprentice – Non-Union

February 2, 2022

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

Electrical Apprentice – Non-Union
Last Assessment Day Action Items

Last Assessment Day: 10-14-2020

- Frank to provide information for online OSHA-10 course;

- Discuss Apprenticeship Week results;

- Work with Records to auto graduate students;

For IE: Karla provide CIVITAS list of students

Electrical Apprentice - Non-Union #1071
Program Learning Outcomes

Graduates of the program will be able to:

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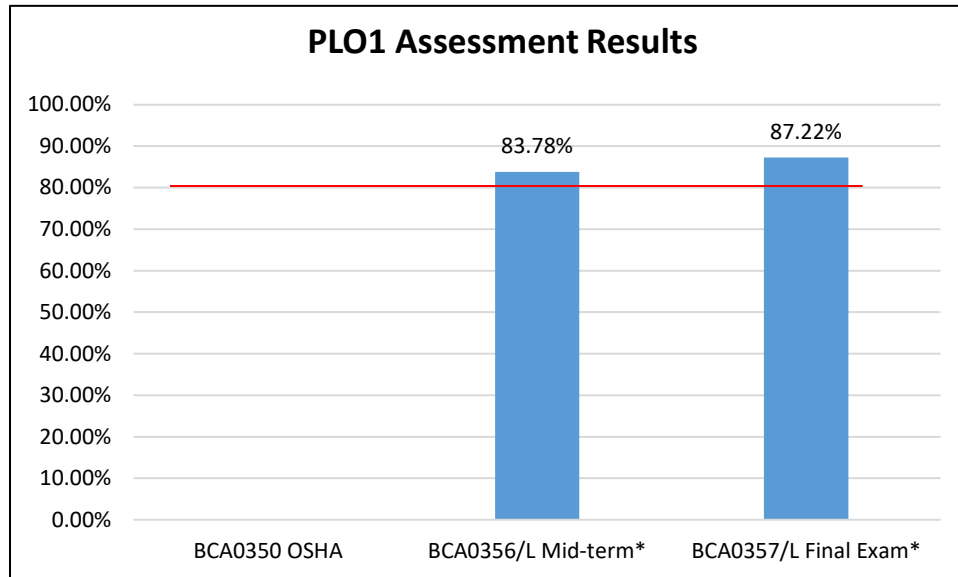
<u>**PLO 2**</u>: Identify and use different tools, equipment, materials and electrical products used in the trade.

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

<u>**PLO 4**</u>: Demonstrate knowledge and skill in the residential, commercial and industrial markets.

<u>**PLO 5**</u>: Demonstrate the ability to plan and initiate projects related to the field.

Assessment Results 2020-2021
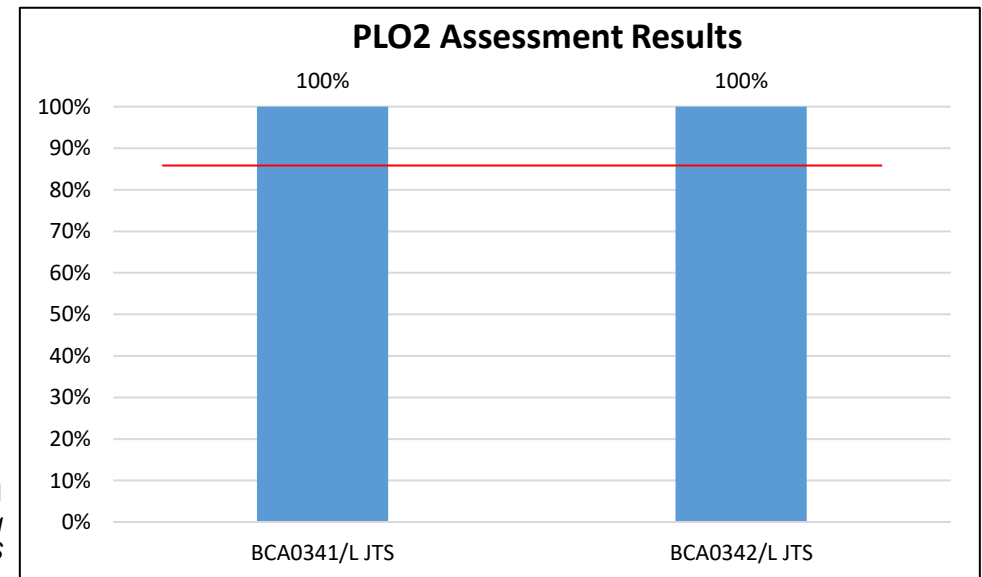
PLO1 Assessment Results

BCA0350: For 1st year – We were not able to do OSHA due to COVID-19

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 2020-2021

PLO3 Assessment Results
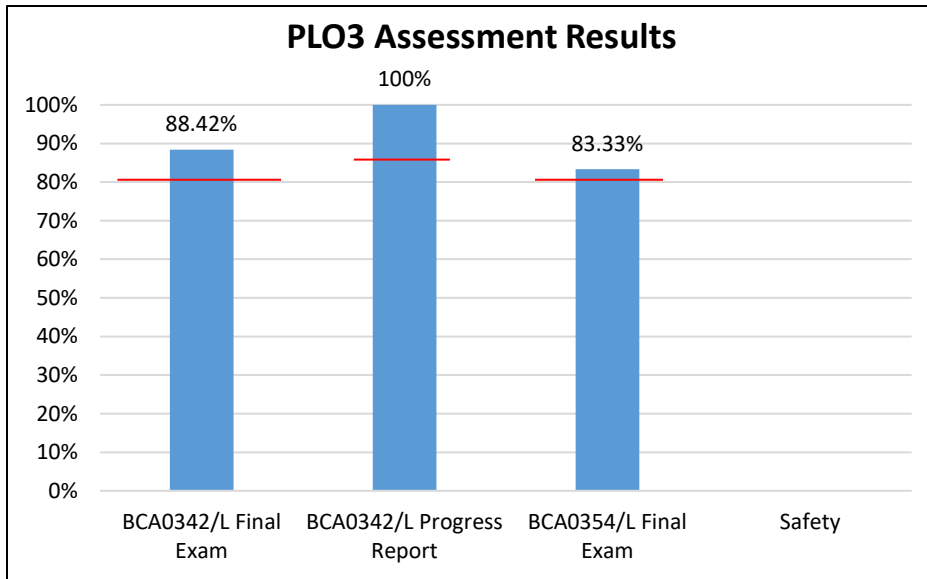
Safety: 1st year – No result. We were going to do 1st aid in the 2nd semester, but we couldn't because of COVID19

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 2020-2021

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	
	19/20	20/21	19/20	20/21	19/20	20/21	19/20	20/21
1071 - ELECTRICIAN APPR - NON-UNION	86.44%-100%	83.8%-100%	86.44%-100%	83.8%-100%	86.44%-100%	87.2%-100%	86.44%-100%	87.2%-100%
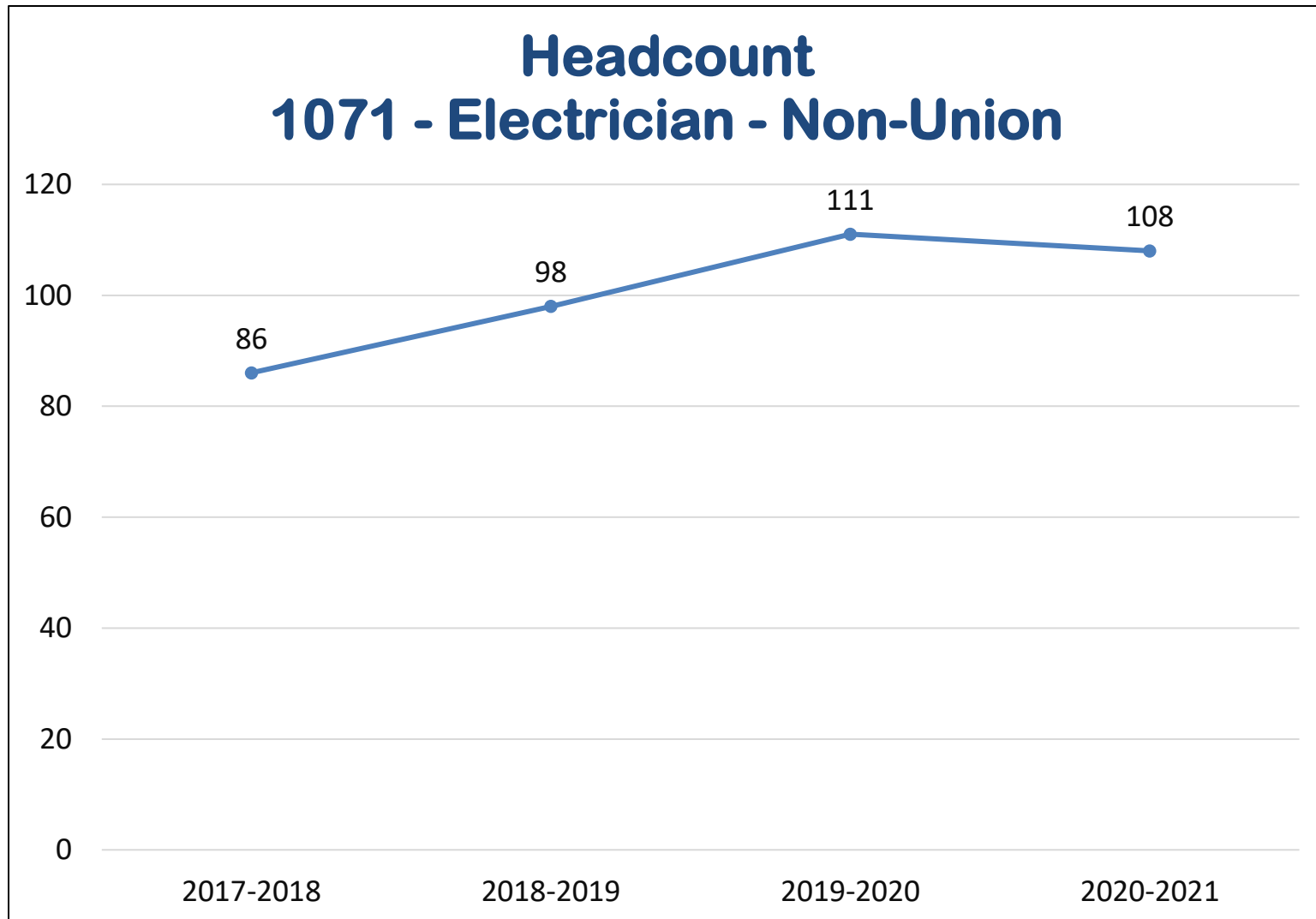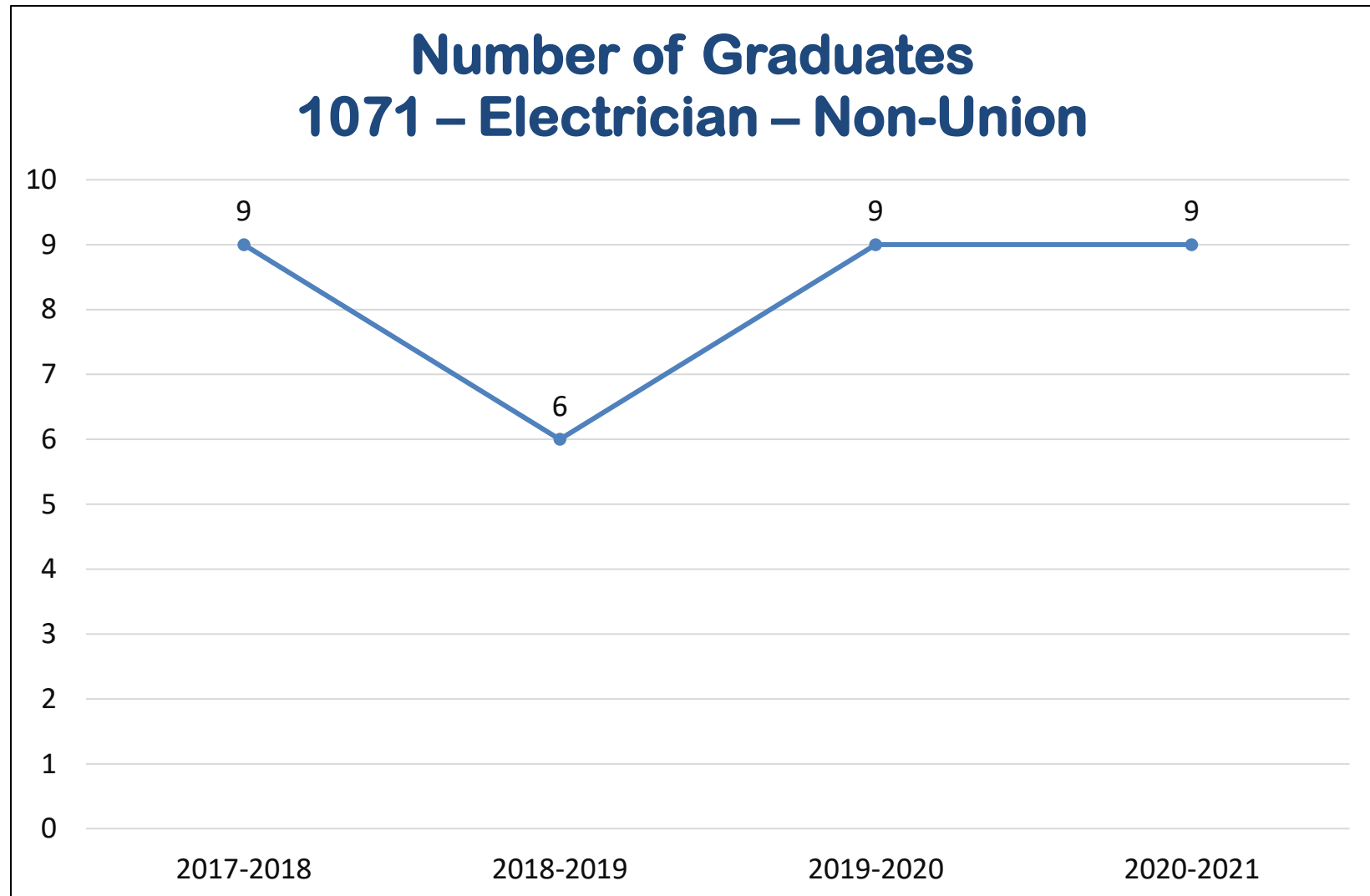
Source: School of Education Assessment Reports

Headcount
1071 - Electrician - Non-Union

Source: IR Program Assessment Data

Number of Graduates
1071 – Electrician – Non-Union

Source: IR Program Assessment Data

Number of Graduates by Race/Ethnicity
Occupational Apprenticeship – Electrical – Non-Union
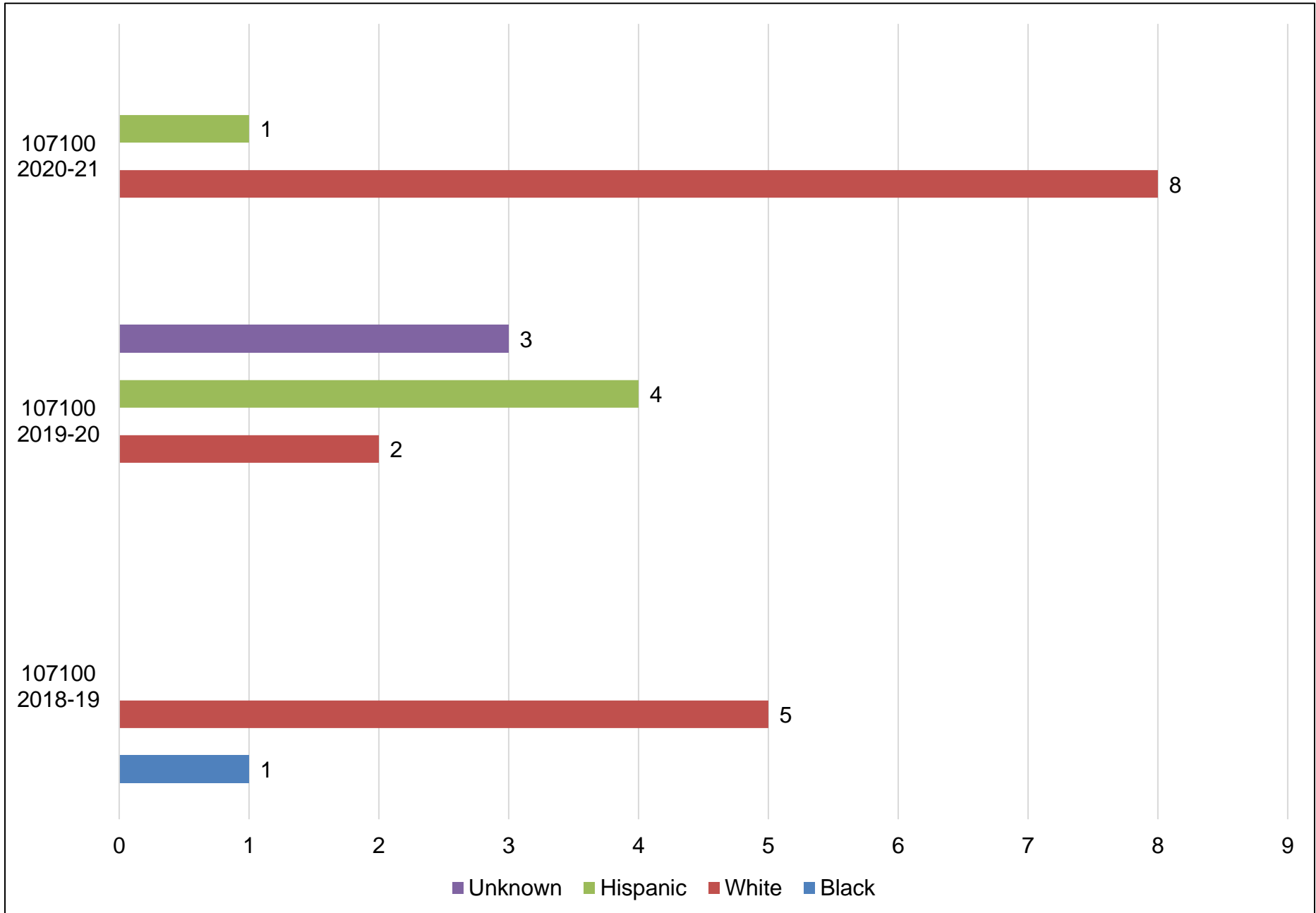
Time to Degree

Major	Average of Years to Completion	
	2019-2020 Graduates	2020-2021 Graduates
107100 – Electrical Non-Union	3.75	3.75

Graduation Rates

Major	Fall Cohort Year	# in Cohort	Graduated within 150% Time	150% Graduation Rate	Graduated within 200% Time	200% Graduation Rate
107100 - Electrician Appren. Non-Union	2012	17	3	17.6%	3	17.6%
	2013 – 200% in progress	19	8	42.1%	8	42.1%
	2014 – In progress	15	6	40%	6	40%

Fall Cohort Year includes prior Summer term enrollment in major.

Graduation within 200% time includes graduates within 150% time.

Source: IR Program Assessment Data

Graduation Rates by Race /Ethnicity

Major	Fall Cohort Year	Race/Ethnicity	# in Cohort	Graduated within 150% Time	150% Graduation Rate	Graduated within 200% Time	200% Graduation Rate
107100 - Electrician Appren. Non-Union	2012	Black	4	1	25%	1	25%
		Hispanic	1	0	0%	0	0%
		White	12	2	16.7%	2	16.7%
	2013 – 200% in progress	American Indian/Alas	1	0	0%	0	0%
		Black	2	0	0%	0	0%
		Hispanic	5	3	60%	3	60%
		White	11	5	45.5%	5	45.5%
	2014 – In progress	Black	3	1	33.3%	1	33.3%
		Hispanic	1	0	0%	0	0%
		White	11	5	45.5%	5	45.5%

Fall Cohort Year includes prior Summer term enrollment in major.

Graduation within 200% time includes graduates within 150% time.

Graduation Rates By Gender

Major	Fall Term	Gender	# Students	Graduation			
				Graduated within 150% Time	Graduation Rate	Graduated within 200% Time	Graduation Rate
107100 - Electrician Appren. Non-Union	2012	Male	17	3	17.6%	3	17.6%
	2013	Male	19	8	42.1%	8	42.1%
	2014	Male	15	6	40%	6	40%

Retention Rates

Program and Year		Registered	Exclusions	Adjusted Cohort	Retained by DSC		Retained by Program		Total Retained
					N	%	N	%	%
1071 ELECTRICIAN APPR - NON-U	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%
	2018	83	9	74	0	0%	53	71.62%	71.62%
	2019	92	9	83	0	0%	65	78.0%	78.0%

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	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%
	FA18 to FA19	Black	7	0	7	3	42.9%
		Hispanic	17	4	13	9	69.2%
		Native Hawaiian	1	0	1	1	100%
		Unknown	5	3	2	1	50%
		White	53	2	51	39	76.5%
	FA19 to FA20	Asian	1	0	1	1	100%
		Black	6	0	6	3	50%
		Hispanic	14	1	13	12	92%
		Native Hawaiian	1	0	1	1	100%
		Two or More Races	2	0	2	1	50%
		Unknown	1	0	1	1	100%
		White	67	8	59	46	78%

*one student was retained by DSC

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%
	FA18 to FA19	Female	2	0	2	2	100%
		Male	79	9	70	51	72.9%
		Unknown	2	0	2	0	0%
	FA19 to FA20	Female	2	0	2	2	100%
		Male	90	9	81	63	78%

Source: IR Program Assessment Data

Placement Rates

Major	2012/13		2013/14		2014/15		2015/16		2016/17		2017/18		2018/19		Average Annual Salary
	DSC%	FCS%	DSC%	FCS%	DSC%	FCS%	DSC%	FCS%	DSC%	FCS%	DSC%	FCS%	DSC%	FCS%	
1071, 1072	73%	91%	89%	80%	50%	81%	100%	91%	100%	97%	89%	95%	***%	***%	$**,***

*Currently Inactive Program

N/A - No placement data for the program.

$**,*** Less than 10 graduates found employed.

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

Source: Florida Education Training Placement Information Program (FETPIP)

Course Success Rates

Major and Associated Courses (All courses are Lecture at the ATC)	2017-2018		2018-2019		2019-2020		2020-2021	
	Attempted	% Successful	Attempted	% Successful	Attempted	% Successful	Attempted	% Successful
BCA0340L	12	100%	10	90%	9	100%	19	95%
BCA0341	12	100%	9	100%	9	100%	18	100%
BCA0341L	12	83%	9	89%	9	100%	18	100%
BCA0342	12	92%	9	100%	9	100%	18	94%
BCA0342L	11	91%	9	100%	9	100%	18	100%
BCA0343L	9	100%	11	91%	9	100%	9	100%
BCA0350	35	69%	42	79%	39	92%	27	96%
BCA0350L	35	80%	42	79%	39	95%	28	93%
BCA0351	26	92%	31	87%	30	90%	25	96%
BCA0351L	25	100%	31	87%	33	91%	26	96%
BCA0352L	18	78%	25	100%	31	84%	31	97%
BCA0353	13	77%	24	96%	25	84%	26	100%
BCA0353L	15	80%	24	96%	25	88%	26	100%
BCA0354	11	91%	23	91%	20	95%	26	96%
BCA0354L	10	100%	23	96%	23	87%	26	100%
BCA0355L	14	71%	10	100%	23	87%	21	95%
BCA0356	12	83%	9	100%	19	100%	20	95%
BCA0356L	14	71%	9	100%	19	100%	20	95%
BCA0357	10	90%	9	100%	19	95%	19	89%
BCA0357L	10	90%	9	100%	19	100%	20	85%
Major Total	316	85%	368	91%	418	93%	441	96%

Major column (leftmost, 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

Program, Course, & Race/Ethnicity	2018-2019 Enroll	Success	2019-2020 Enroll	Success	2020-2021 Enroll	Success
1071 - Electrician - Non-Union	368	91%	418	93%	441	96%
BCA0340L	10	90%	9	100%	19	95%
Black					1	100%
Hispanic	4	100%	1	100%	4	100%
White	3	67%	8	100%	14	93%
BCA0341	9	100%	9	100%	18	100%
Black					1	100%
Hispanic	4	100%	1	100%	4	100%
White	2	100%	8	100%	13	100%
BCA0341L	9	89%	9	100%	18	100%
Black					1	100%
Hispanic	4	75%	1	100%	4	100%
White	2	100%	8	100%	13	100%
BCA0342	9	100%	9	100%	18	94%
Black					1	100%
Hispanic	4	100%	1	100%	4	100%
White	2	100%	8	100%	13	92%
BCA0342L	9	100%	9	100%	18	100%
Black					1	100%
Hispanic	4	100%	1	100%	4	100%
White	2	100%	8	100%	13	100%
BCA0343L	11	91%	9	100%	9	100%
Hispanic	1	100%	4	100%	1	100%
Unknown			3	100%		
White	9	89%	2	100%	8	100%
BCA0350	42	79%	39	92%	27	96%
Asian			1	100%		
Black	6	67%	3	67%	1	100%
Hispanic	7	71%	5	100%	5	80%
Two or More Races			2	100%		
White	27	81%	28	93%	21	100%

Program, Course, & Race/Ethnicity	2018-2019 Enroll	Success	2019-2020 Enroll	Success	2020-2021 Enroll	Success
BCA0350L	42	79%	39	95%	28	93%
Asian			1	100%		
Black	6	67%	3	67%	1	100%
Hispanic	7	71%	5	100%	5	80%
Two or More Races			2	100%		
White	27	81%	28	96%	22	95%
BCA0351	31	87%	30	90%	25	96%
Asian			1	100%		
Black	4	75%	1	100%	1	100%
Hispanic	5	100%	5	80%	4	100%
Two or More Races			1	100%		
White	20	85%	22	91%	20	95%
BCA0351L	31	87%	33	91%	26	96%
Asian			1	100%		
Black	4	100%	1	100%	1	100%
Hispanic	5	80%	5	80%	4	100%
Two or More Races			2	50%		
White	20	85%	24	96%	21	95%
BCA0352L	25	100%	31	84%	31	97%
Black	2	100%	4	75%	1	100%
Hispanic	5	100%	5	100%	5	100%
Native Hawaiian			1	100%		
Two or More Races					1	100%
White	17	100%	20	80%	23	96%
BCA0353	24	96%	25	84%	26	100%
Asian					1	100%
Black	1	100%	2	50%	1	100%
Hispanic	5	80%	4	100%	4	100%
Native Hawaiian			1	100%		
Two or More Races					1	100%
White	17	100%	17	82%	19	100%
BCA0353L	24	96%	25	88%	26	100%
Asian					1	100%
Black	1	100%	2	100%	1	100%
Hispanic	5	80%	4	100%	4	100%
Native Hawaiian			1	100%		
Two or More Races					1	100%
White	17	100%	17	82%	19	95%

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	2018-2019		2019-2020		2020-2021	
	Enroll	Success	Enroll	Success	Enroll	Success
BCA0354	23	91%	20	95%	26	96%
Asian					1	100%
Black	1	100%	2	100%	1	100%
Hispanic	4	100%	4	100%	4	100%
Two or More Races					1	100%
White	17	94%	13	92%	19	95%
BCA0354L	23	96%	23	87%	26	100%
Asian					1	100%
Black	1	100%	2	50%	1	100%
Hispanic	4	100%	4	100%	4	100%
Two or More Races					1	100%
Unknown	1	100%	1	100%		
White	17	94%	15	87%	19	100%
BCA0355L	10	100%	23	87%	21	95%
Black			1	100%	2	100%
Hispanic	1	100%	4	100%	4	100%
Native Hawaiian					1	100%
Unknown			1	0%	1	100%
White	9	100%	17	88%	13	92%
BCA0356	9	100%	19	100%	20	95%
Black			1	100%	1	100%
Hispanic	1	100%	4	100%	4	100%
Native Hawaiian					1	100%
Unknown					1	100%
White	8	100%	14	100%	13	92%

Program, Course, & Race/Ethnicity	2018-2019		2019-2020		2020-2021	
	Enroll	Success	Enroll	Success	Enroll	Success
BCA0356L	9	100%	19	100%	20	95%
Black			1	100%	1	100%
Hispanic	1	100%	4	100%	4	100%
Native Hawaiian					1	100%
Unknown					1	100%
White	8	100%	14	100%	13	92%
BCA0357	9	100%	19	95%	19	89%
Black			1	100%	1	100%
Hispanic	1	100%	4	100%	4	100%
Native Hawaiian					1	100%
Unknown					1	100%
White	8	100%	14	93%	12	83%
BCA0357L	9	100%	19	100%	20	85%
Black			1	100%	1	100%
Hispanic	1	100%	4	100%	4	100%
Native Hawaiian					1	100%
Unknown					1	100%
White	8	100%	14	100%	13	77%

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	2018-2019		2019-2020		2020-2021	
	Enrolled	Success Rate	Enrolled	Success Rate	Enrolled	Success Rate
Asian			4	100%	5	100%
Black	27	81%	25	80%	20	100%
Hispanic	73	89%	70	97%	80	98%
Native Hawaiian	4	100%	5	100%	5	100%
Two or More Races			7	86%	5	100%
Unknown	24	96%	8	88%	5	100%
White	240	92%	299	93%	321	95%
Grand Total	368	91%	418	93%	441	96%

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

Captured on 9/22/2020
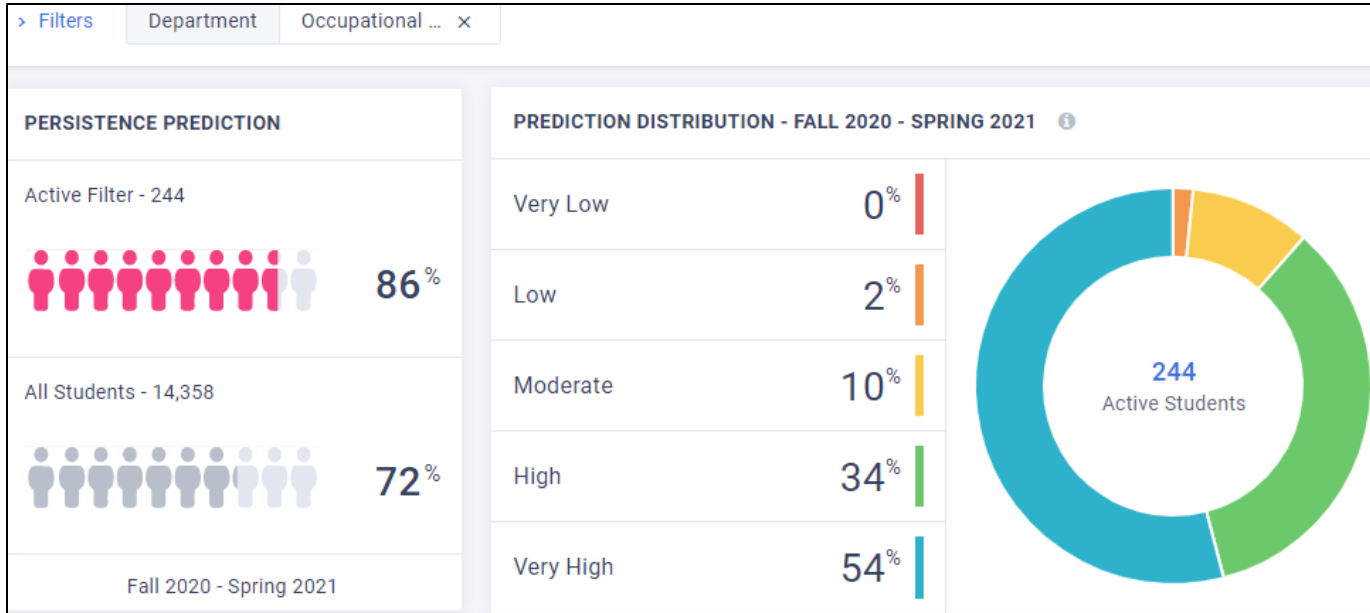
Captured on 1/24/2022
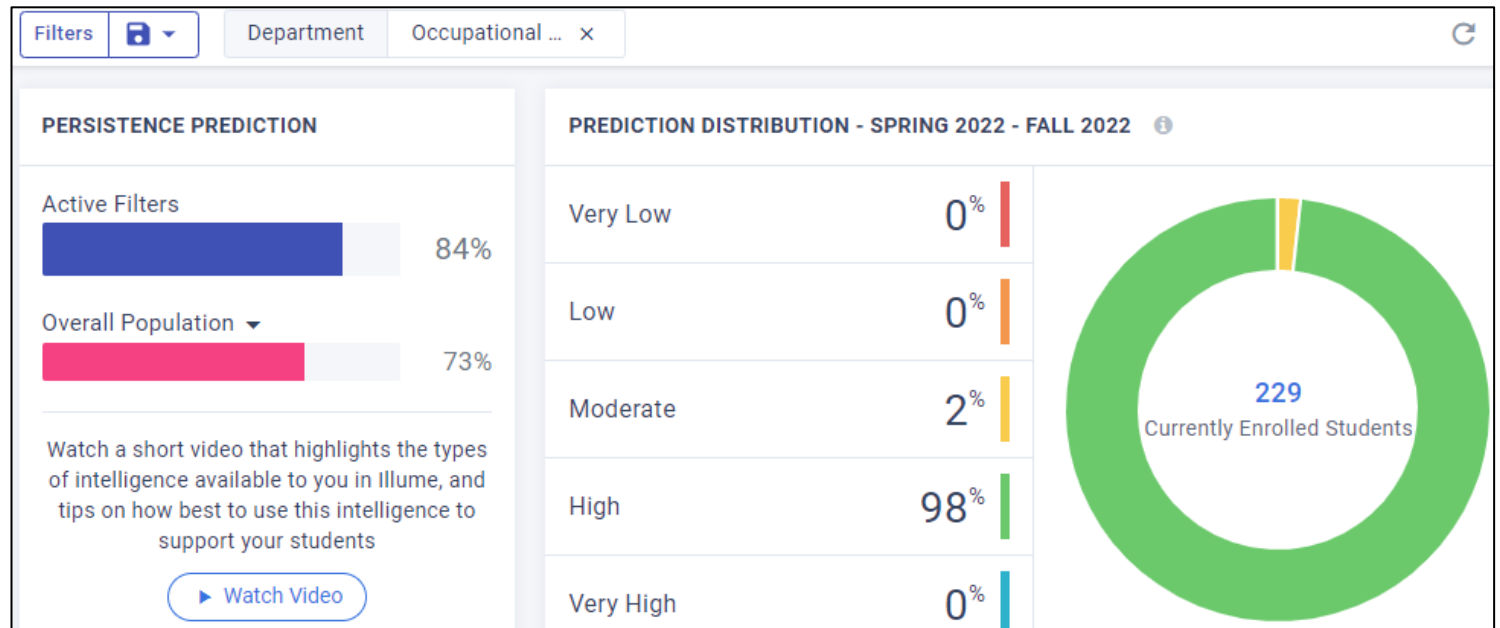
Civitas

Captured on 1/24/2022

Explore courses where:

A student's course grade strongly signals graduation likelihood ⌄

These are courses where a single letter-grade difference creates the biggest boost in graduation likelihood for an individual student. Advising students to prioritize these courses could increase their graduation likelihood.

🔍

Department | Occupational Apprenticeships ✕ | ✕ Clear All | ⊕ Add Filters

▬▬▬○━━━ 1 Course

•⚬ Bubble Size ⌄ | ⬇ Export Courses

→ **Highest Grade Signal**

🟠 **BCA-0351L** : Electrical … ›

● Year 1

More

↑

GRADE SIGNAL

Less

YEAR TYPICALLY TAKEN

❓

ASSESSMENT DAY

Mary Karl College of Workforce and Continuing Education

School of Occupational Apprenticeships

Electrical Apprentice – Non-Union

October 14, 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

Electrical Apprentice – Non-Union Last Assessment Day: 4/06/2020

- Complete the classroom time for Spring semester;

- Streamline the process of the graduation check down for the students approaching graduation;

- Internal faculty to teach the OSHA-10 course;

- Build a recruitment outreach for Apprenticeship Week for Fall 2020 highlighting student and program success, and marketing;

For Institutional Effectiveness and Institutional Research:

- Karla provide CIVITAS list of students, IR to add addresses for mailings

Electrical Apprentice - Non-Union #1071
Program Learning Outcomes

Graduates of the program will be able to:

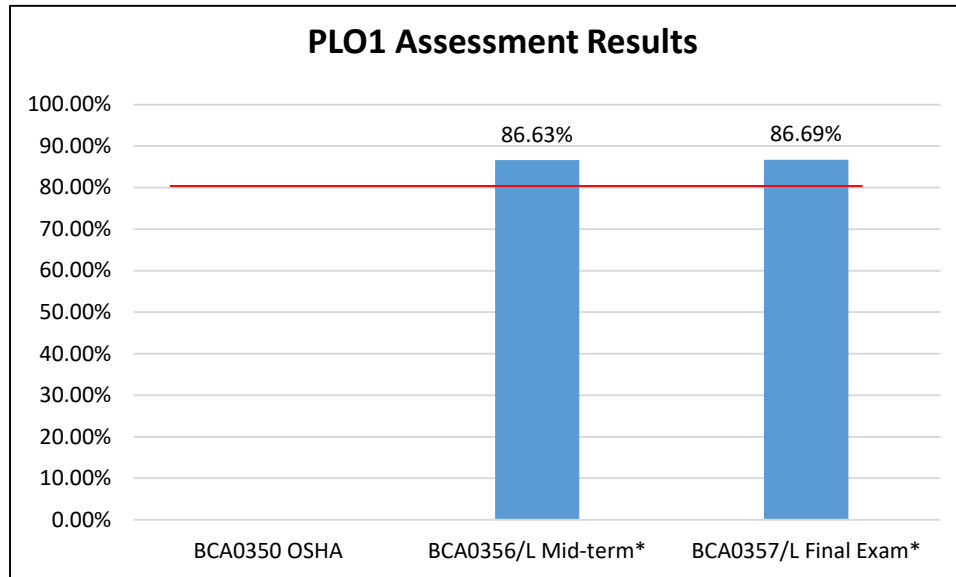**PLO 1**: Demonstrate knowledge and ability to follow rules, regulations, OSHA and the National Electrical Code.

PLO 2: Identify and use different tools, equipment, materials and electrical products used in the trade.

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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 2019-2020

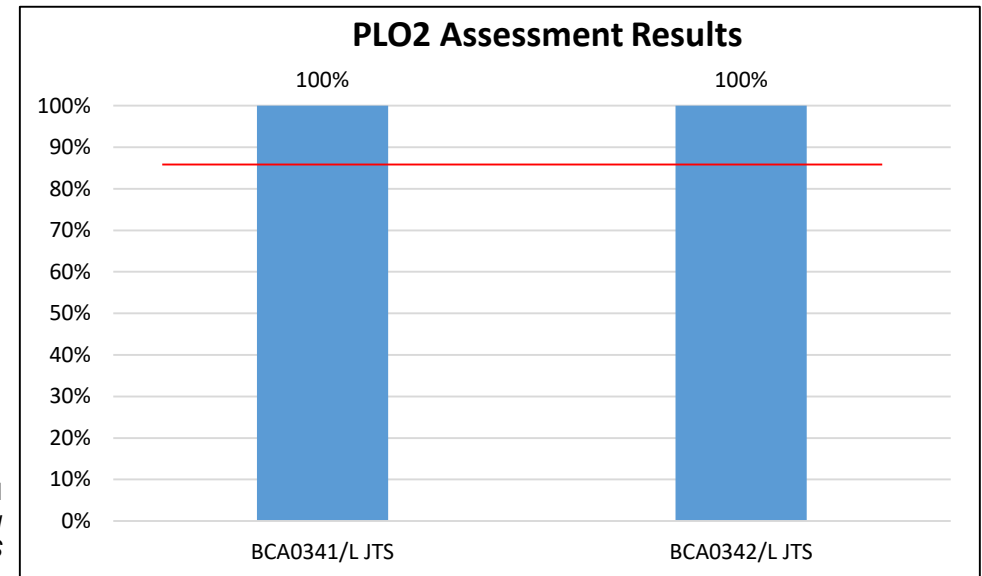## PLO1 Assessment Results

Results are given in average

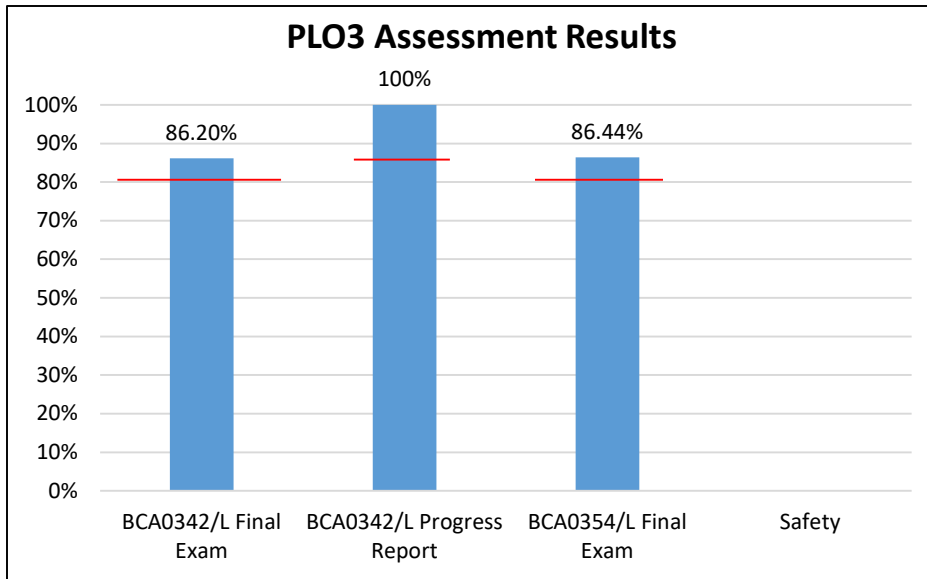BCA0350: For 1st year – We were not able to do OSHA due to COVID-19 – we were going to have 2nd semester

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PLO2 Assessment Results

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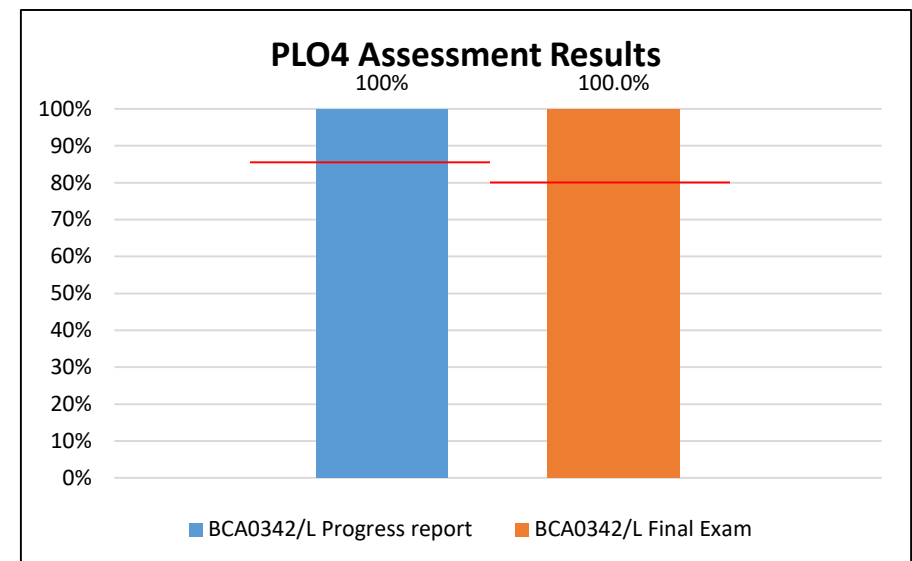
Assessment Results 2019-2020
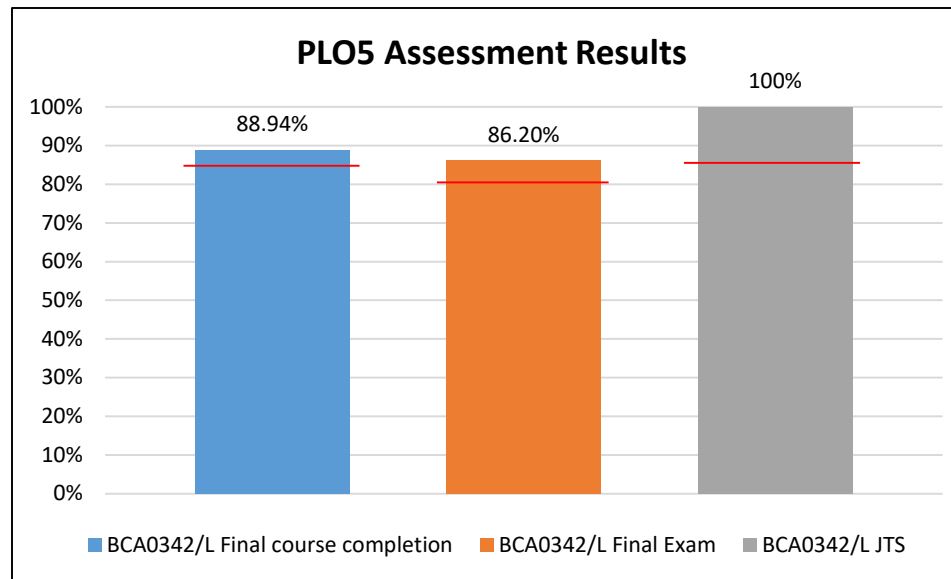
PLO3 Assessment Results

Safety: 1st year – No result. We were going to do 1st aid in the 2nd semester, but we couldn't because of COVID19

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 Assessment Results

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.*

Assessment Results 2019-2020
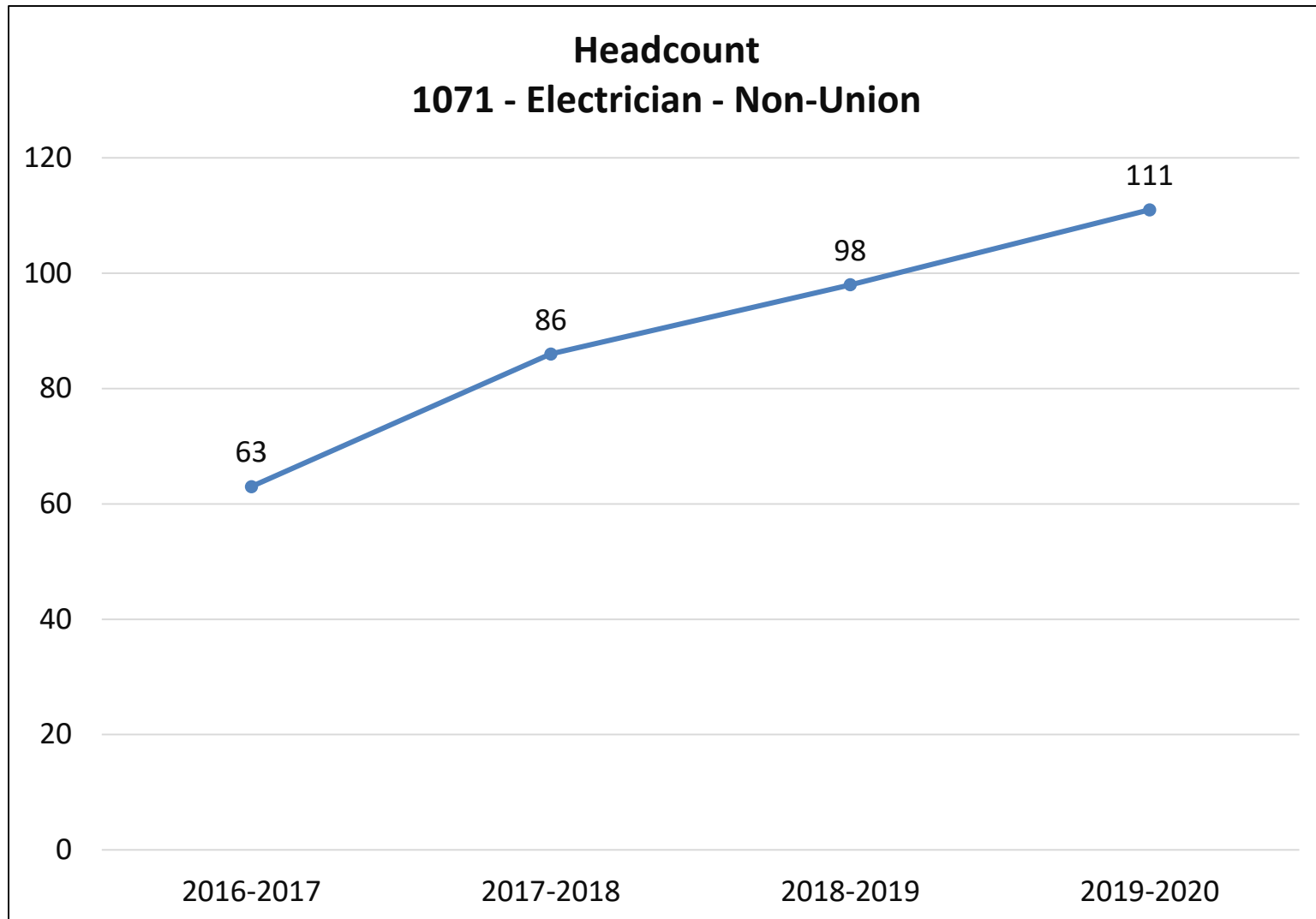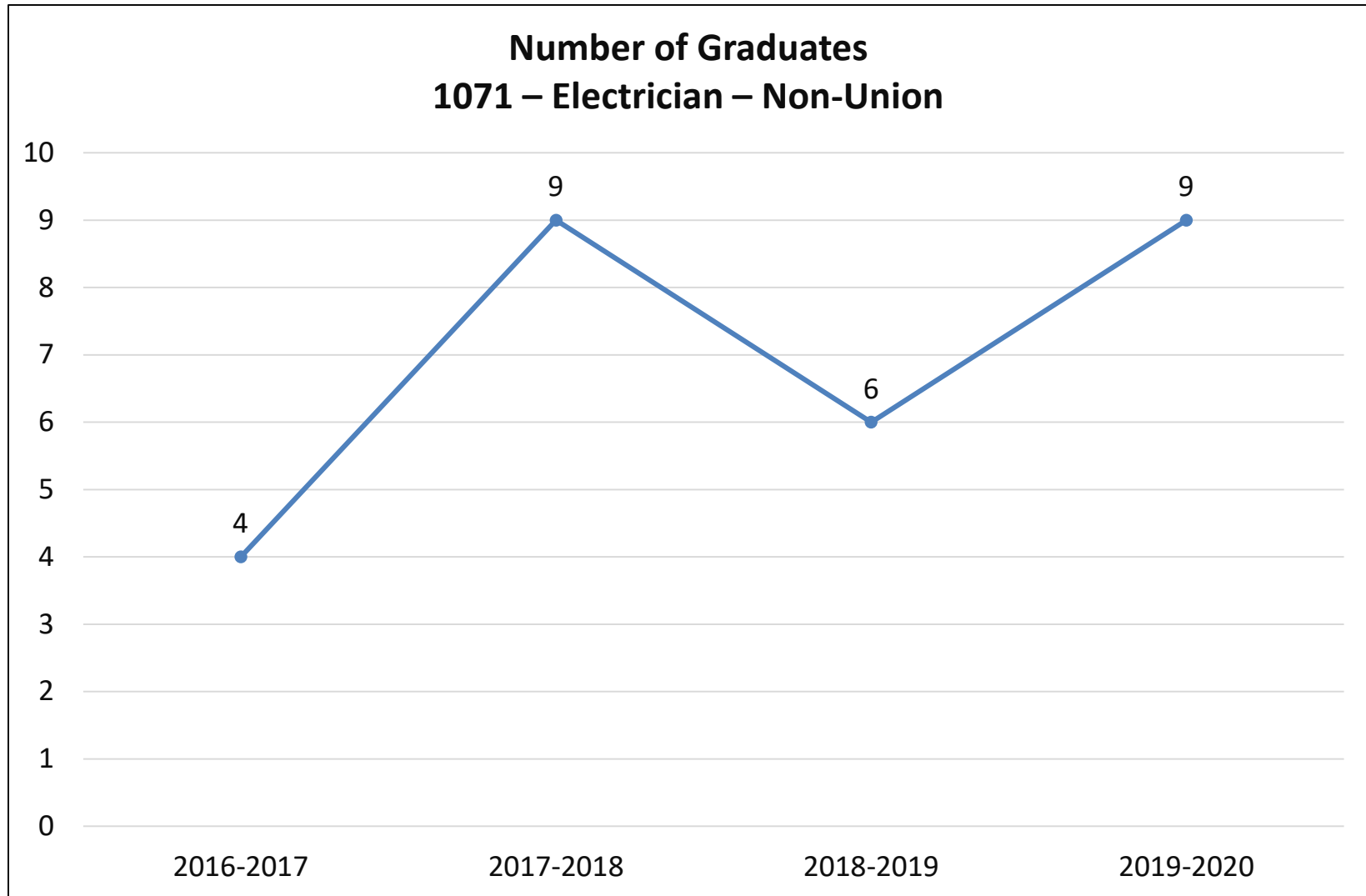

PLO5 Assessment Results

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	
	18/19	19/20	18/19	19/20	18/19	19/20	18/19	19/20
1071 - ELECTRICIAN APPR - NON-UNION	89.7%-100%	86.44%-100%	89.7%-100%	86.44%-100%	89.7%-100%	86.44%-100%	89.7%-100%	86.44%-100%

Source: School of Education Assessment Reports

Headcount
1071 - Electrician - Non-Union

Source: IR Program Assessment Data

Number of Graduates
1071 – Electrician – Non-Union

Source: IR Program Assessment Data

Number of Graduates by Race/Ethnicity
Occupational Apprenticeship – Electrical – Non-Union

107100
2019-20

- Unknown: 3
- Hispanic: 4
- White: 2

107100
2018-19

- White: 5
- Black: 1

■ Unknown ■ Hispanic ■ White ■ Black
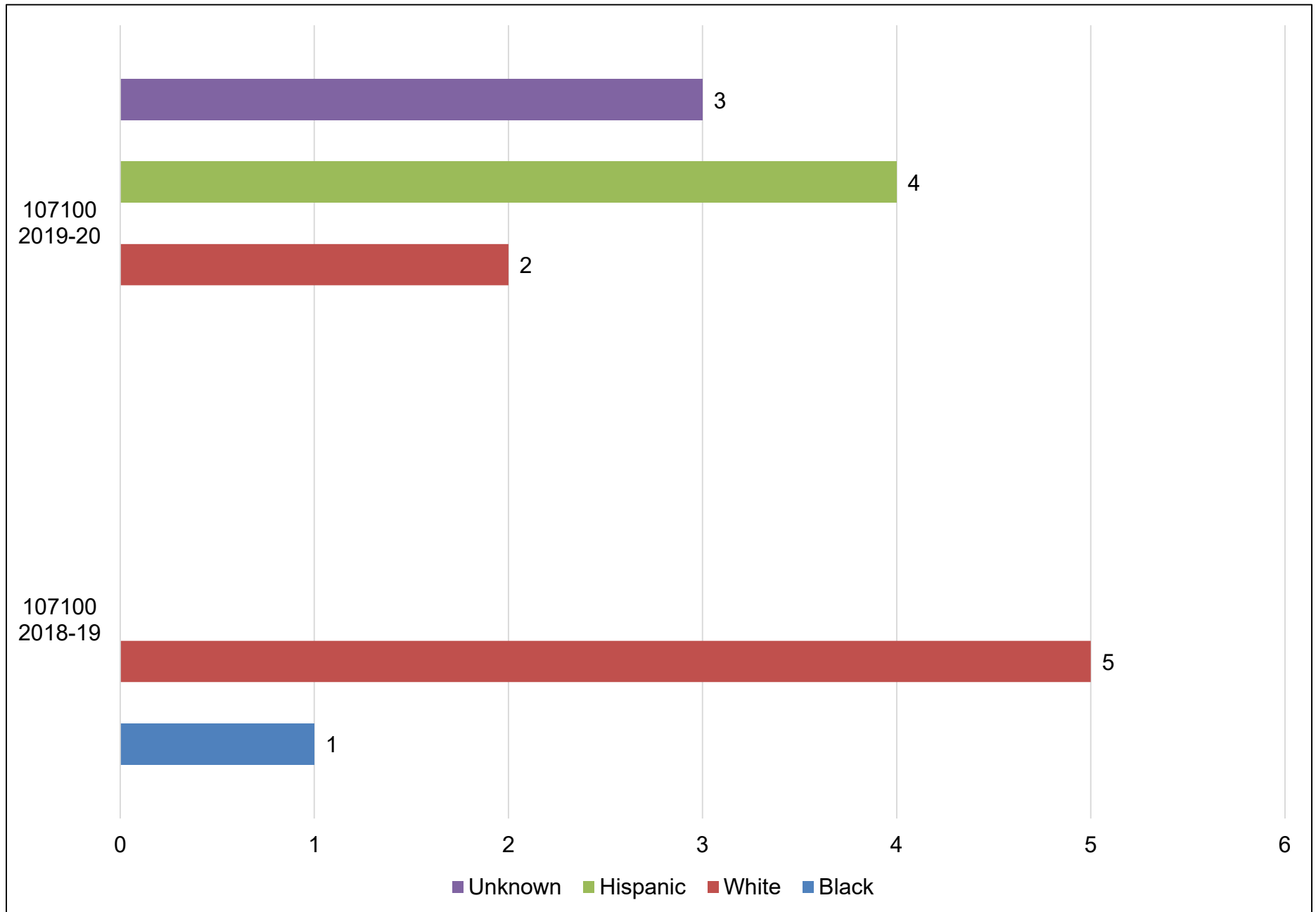
Time to Degree

Major	Average of Years to Completion
107100 – Electrical Non-Union	3.75

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	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%
	2018	83	9	74	0	0%	53	71.62%	71.62%

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	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%
	FA18 to FA19	Black	7	0	7	3	42.9%
		Hispanic	17	4	13	9	69.2%
		Native Hawaiian	1	0	1	1	100%
		Unknown	5	3	2	1	50%
		White	53	2	51	39	76.5%

Retention of Underserved Populations: 56.25% Black, 57.95% Hispanic, and 73.08% Unknown

one student was retained by DSC

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%
	FA18 to FA19	Female	2	0	2	2	100%
		Male	79	9	70	51	72.9%
		Unknown	2	0	2	0	0%

Source: IR Program Assessment Data

Performance Funding - Placement Rates
Workforce High Demand Occupations: 12.96%
DSC Workforce High Skill/High Wage Earnings: 59.10%

Major	2011/12		2012/13		2013/14		2014/15		2015/16		2016/17		2017/18		Average Annual Salary
	DSC%	FCS%	DSC%	FCS%	DSC%	FCS%	DSC%	FCS%	DSC%	FCS%	DSC%	FCS%	DSC%	FCS%	
1071, 1072	87%	90%	73%	91%	89%	80%	50%	81%	100%	91%	100%	97%	89%	95%	$**,***

*Currently Inactive Program

N/A - No placement data for the program.

$**,*** Less than 10 graduates found employed.

Source: Florida Education Training Placement Information Program (FETPIP)

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

Course Success Rates

Major and Associated Courses (All courses are Lecture at the ATC)	2016-2017		2017-2018		2018-2019		2019-2020		
	Attempted	% Successful	Attempted	% Successful	Attempted	% Successful	Attempted	% Successful	
BCA0340L	9	100%	12	100%	10	90%	9	100%	↑
BCA0341	9	100%	12	100%	9	100%	9	100%	
BCA0341L	9	100%	12	83%	9	89%	9	100%	↑
BCA0342	9	100%	12	92%	9	100%	9	100%	
BCA0342L	9	100%	11	91%	9	100%	9	100%	
BCA0343L			9	100%	11	91%	9	100%	
BCA0350	21	81%	35	69%	42	79%	39	92%	↑
BCA0350L	21	81%	35	80%	42	79%	39	95%	
BCA0351	19	79%	26	92%	31	87%	30	90%	
BCA0351L	19	95%	25	100%	31	87%	33	91%	
BCA0352L			18	78%	25	100%	31	84%	
BCA0353	17	82%	13	77%	24	96%	25	84%	
BCA0353L	17	76%	15	80%	24	96%	25	88%	
BCA0354	14	79%	11	91%	23	91%	20	95%	↑
BCA0354L	14	100%	10	100%	23	96%	23	87%	
BCA0355L			14	71%	10	100%	23	87%	
BCA0356	12	100%	12	83%	9	100%	19	100%	
BCA0356L	12	100%	14	71%	9	100%	19	100%	
BCA0357	12	100%	10	90%	9	100%	19	95%	
BCA0357L	12	100%	10	90%	9	100%	19	100%	
Major Total	235	90%	316	85%	368	91%	418	93%	↑

(Row label spanning the data rows: **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	2018-2019		2019-2020	
	Enrolled	Success Rate	Enrolled	Success Rate
1071 - Electrician - Non-Union	368	91%	418	93%
BCA0340L	10	90%	9	100%
Hispanic	4	100%	1	100%
White	3	67%	8	100%
BCA0341	9	100%	9	100%
Hispanic	4	100%	1	100%
White	2	100%	8	100%
BCA0341L	9	89%	9	100%
Hispanic	4	75%	1	100%
White	2	100%	8	100%
BCA0342	9	100%	9	100%
Hispanic	4	100%	1	100%
White	2	100%	8	100%
BCA0342L	9	100%	9	100%
Hispanic	4	100%	1	100%
White	2	100%	8	100%
BCA0343L	11	91%	9	100%
Hispanic	1	100%	4	100%
Unknown			3	100%
White	9	89%	2	100%
BCA0350	42	79%	39	92%
Asian			1	100%
Black	6	67%	3	67%
Hispanic	7	71%	5	100%
Two or More Races			2	100%
White	27	81%	28	93%

Program, Course, & Race/Ethnicity	2018-2019		2019-2020	
	Enrolled	Success Rate	Enrolled	Success Rate
BCA0350L	42	79%	39	95%
Asian			1	100%
Black	6	67%	3	67%
Hispanic	7	71%	5	100%
Two or More Races			2	100%
White	27	81%	28	96%
BCA0351	31	87%	30	90%
Asian			1	100%
Black	4	75%	1	100%
Hispanic	5	100%	5	80%
Two or More Races			1	100%
White	20	85%	22	91%
BCA0351L	31	87%	33	91%
Asian			1	100%
Black	4	100%	1	100%
Hispanic	5	80%	5	80%
Two or More Races			2	50%
White	20	85%	24	96%
BCA0352L	25	100%	31	84%
Black	2	100%	4	75%
Hispanic	5	100%	5	100%
Native Hawaiian			1	100%
Unknown	1	100%	1	100%
White	17	100%	20	80%
BCA0353	24	96%	25	84%
Black	1	100%	2	50%
Hispanic	5	80%	4	100%
Native Hawaiian			1	100%
Unknown	1	100%	1	100%
White	17	100%	17	82%
BCA0353L	24	96%	25	88%
Black	1	100%	2	100%
Hispanic	5	80%	4	100%
Native Hawaiian			1	100%
Unknown	1	100%	1	100%
White	17	100%	17	82%

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	2018-2019		2019-2020	
	Enrolled	Success Rate	Enrolled	Success Rate
BCA0354	23	91%	20	95%
Black	1	100%	2	100%
Hispanic	4	100%	4	100%
Native Hawaiian			1	100%
White	17	94%	13	92%
BCA0354L	23	96%	23	87%
Black	1	100%	2	50%
Hispanic	4	100%	4	100%
Native Hawaiian			1	100%
Unknown	1	100%	1	100%
White	17	94%	15	87%
BCA0355L	10	100%	23	87%
Black			1	100%
Hispanic	1	100%	4	100%
Unknown			1	0%
White	9	100%	17	88%
BCA0356	9	100%	19	100%
Black			1	100%
Hispanic	1	100%	4	100%
White	8	100%	14	100%
BCA0356L	9	100%	19	100%
Black			1	100%
Hispanic	1	100%	4	100%
White	8	100%	14	100%
BCA0357	9	100%	19	95%
Black			1	100%
Hispanic	1	100%	4	100%
White	8	100%	14	93%
BCA0357L	9	100%	19	100%
Black			1	100%
Hispanic	1	100%	4	100%
White	8	100%	14	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	2018-2019		2019-2020	
	Enrolled	Success Rate	Enrolled	Success Rate
Asian			4	100%
Black	27	81%	25	80%
Hispanic	73	89%	70	97%
Native Hawaiian	4	100%	5	100%
Two or More Races			7	86%
Unknown	24	96%	8	88%
White	240	92%	299	93%
Grand Total	368	91%	418	93%

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
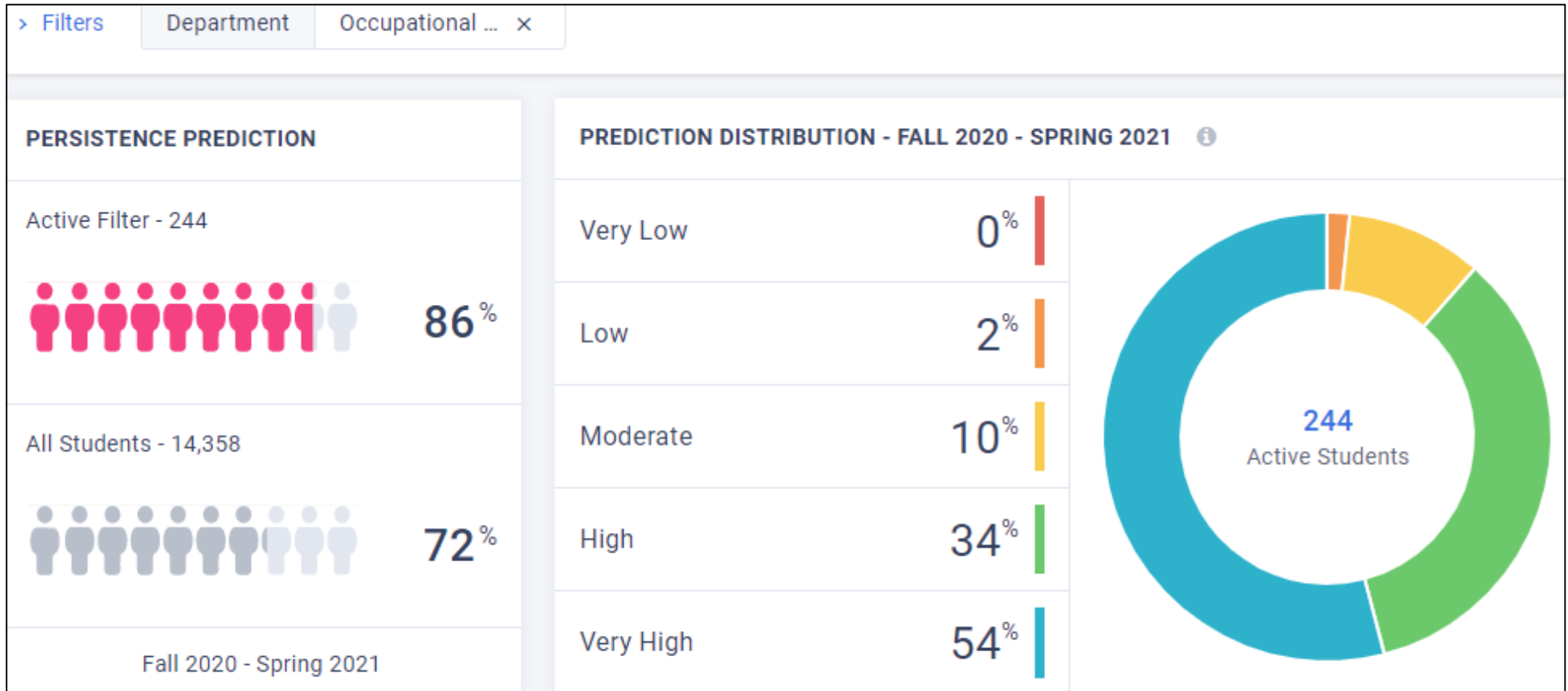
Captured on 9/22/2020

ASSESSMENT DAY

Mary Karl College of Workforce and Continuing Education

School of Occupational Apprenticeships

Electrical Apprentice – Non-Union

April 6, 2020
(via Skype for Business)

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.
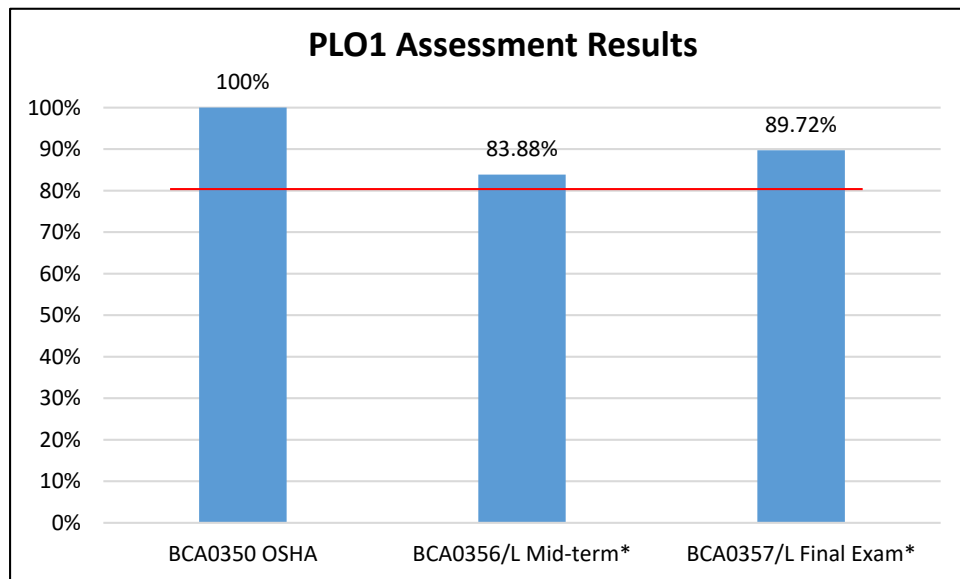
PLO 2: Identify and use different tools, equipment, materials and electrical products used in the trade.

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.
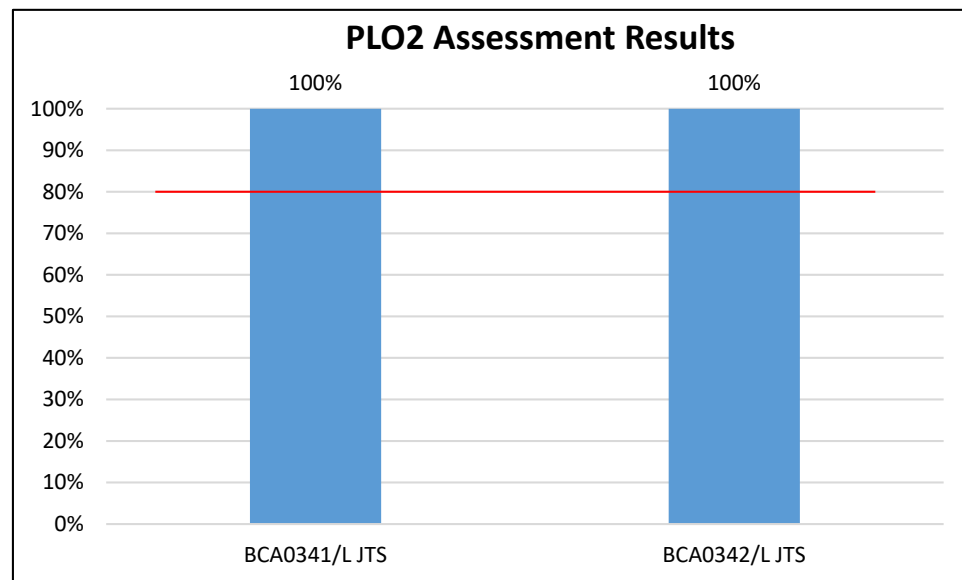
Assessment Results 2018-2019

PLO1 Assessment Results
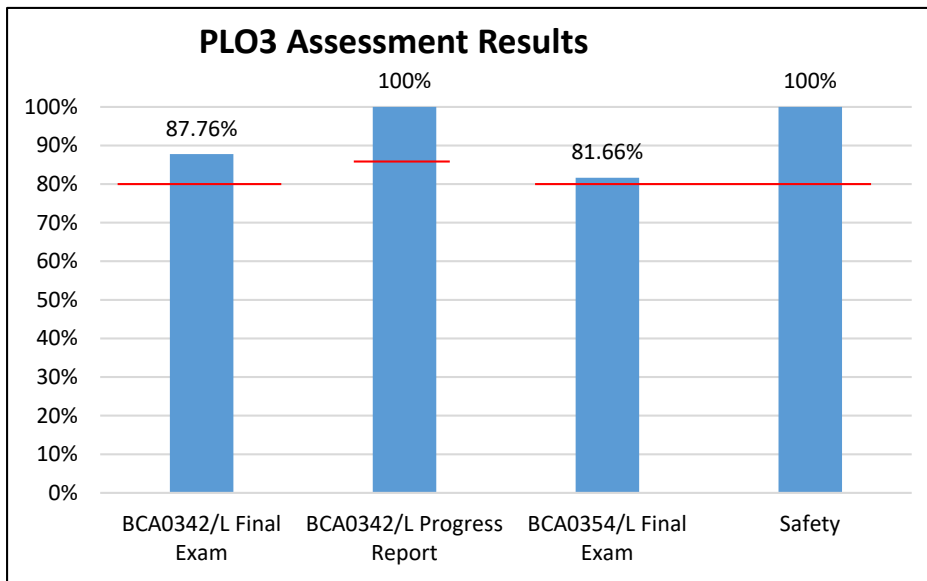

Results are given in average

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.*

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*
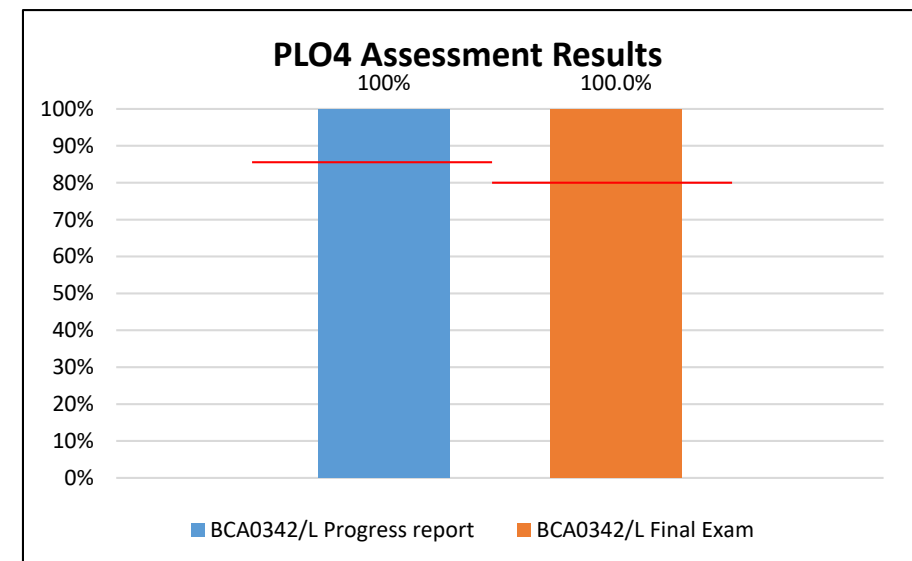
Assessment Results 2018-2019

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 Assessment Results

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.*

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%
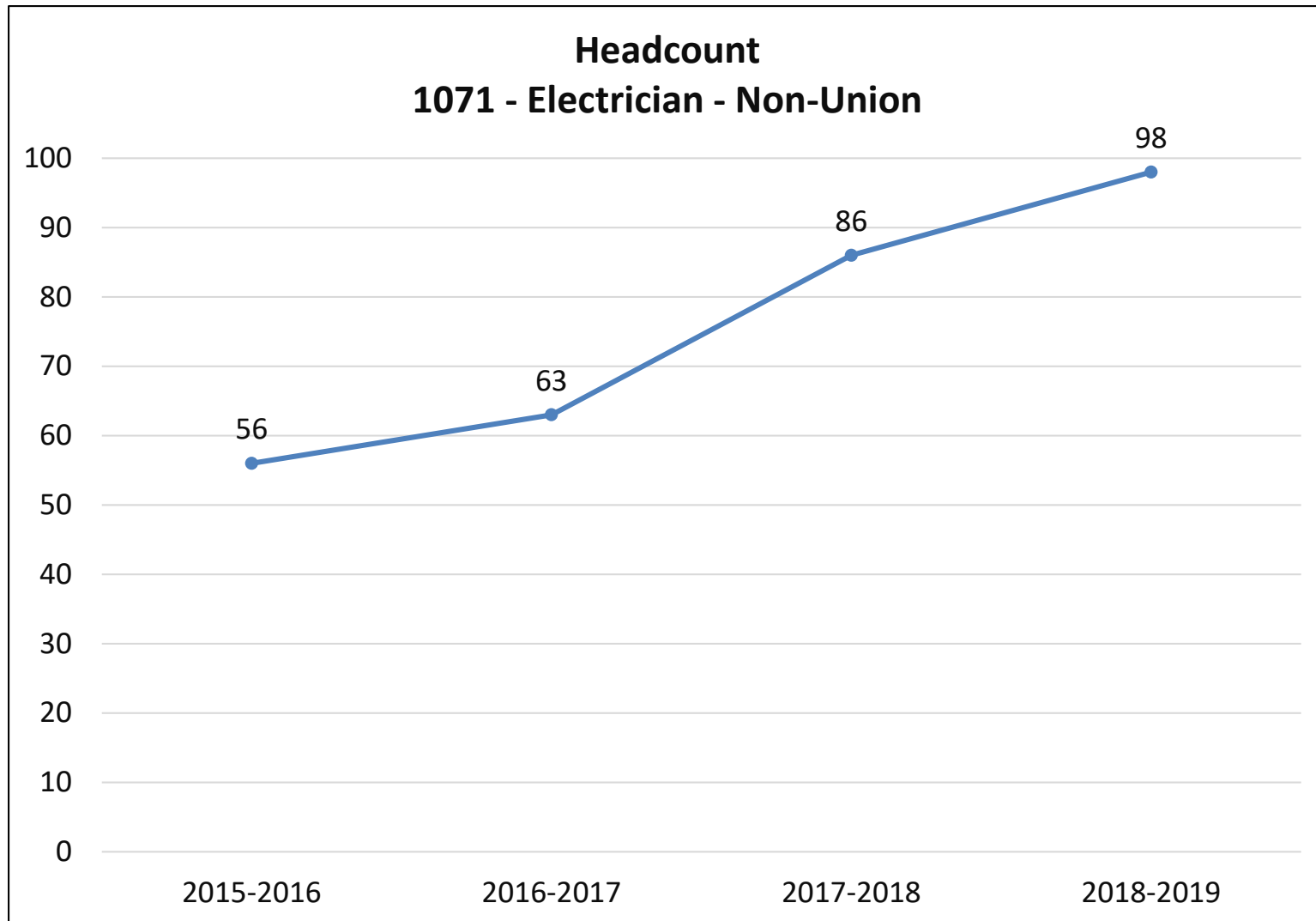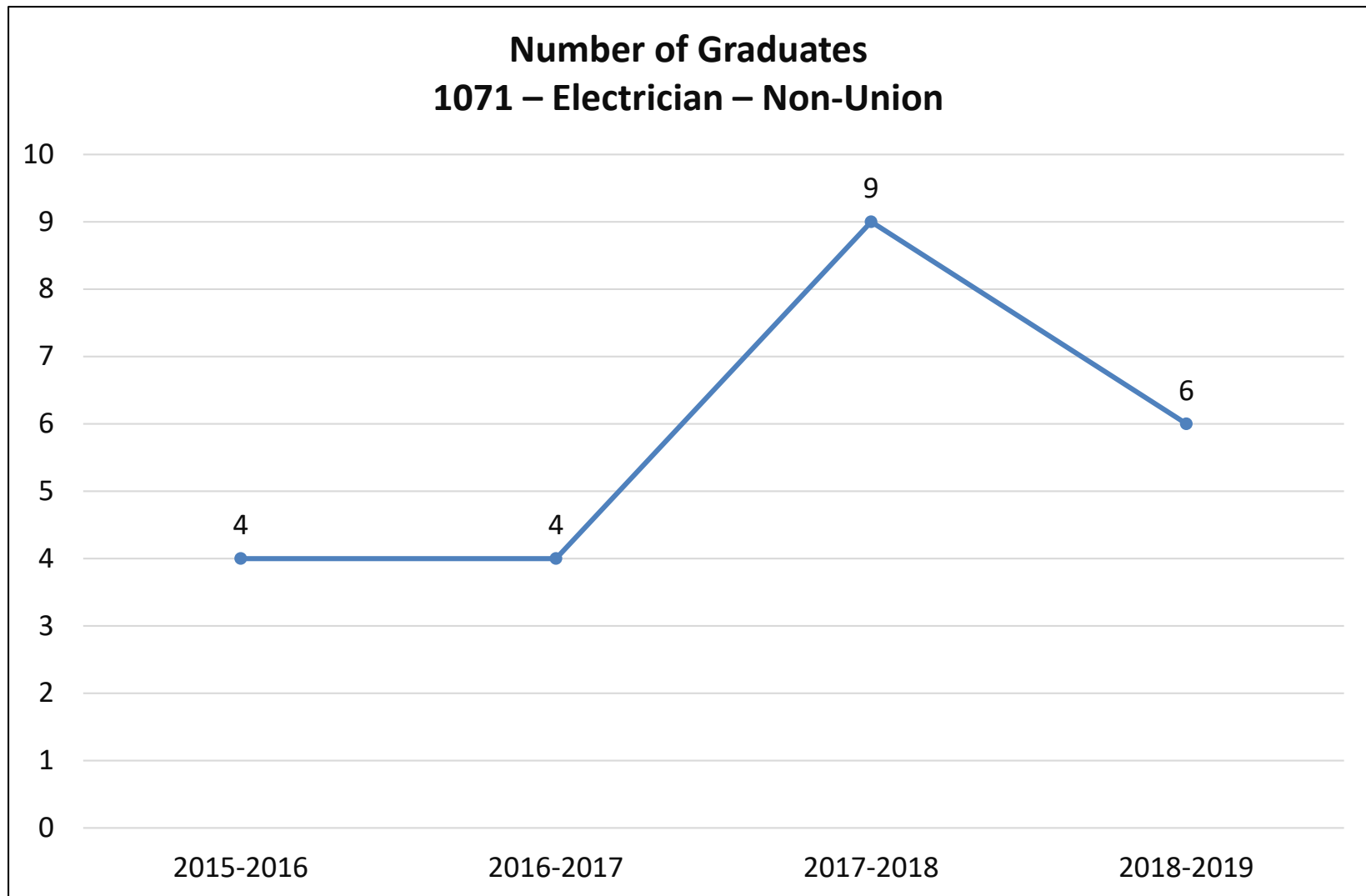
Source: School of Education Assessment Reports
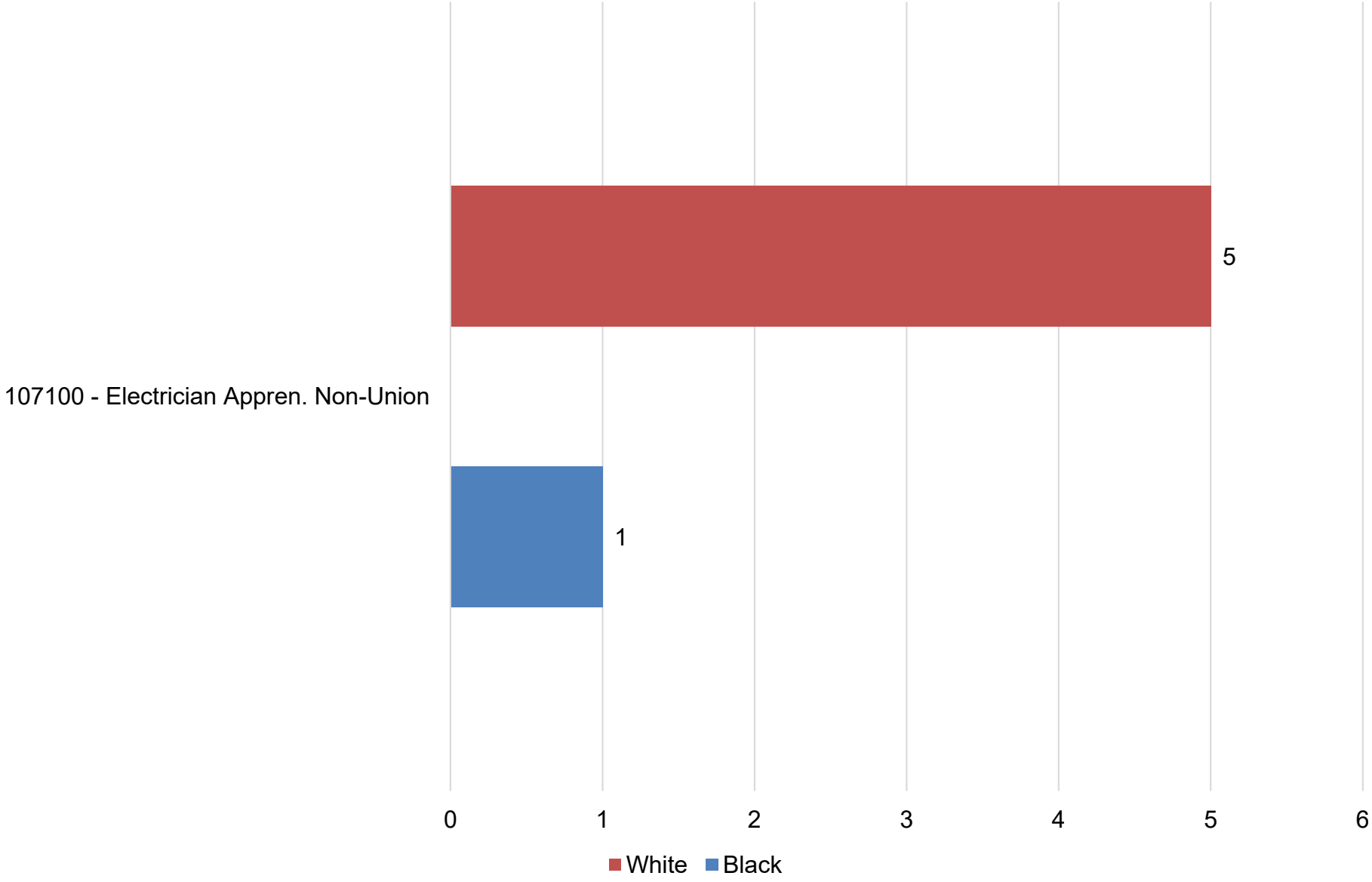
Headcount
1071 - Electrician - Non-Union

Number of Graduates
1071 – Electrician – Non-Union

Source: IR Program Assessment Data

Number of Graduates by Race/Ethnicity

107100 - Electrician Appren. Non-Union

White: 5
Black: 1

(horizontal axis: 0, 1, 2, 3, 4, 5, 6)

■ White ■ Black

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.

Course Success Rates

Major and Associated Courses (All courses are Lecture at the ATC)	2015-2016 Attempted	% Successful	2016-2017 Attempted	% Successful	2017-2018 Attempted	% Successful	2018-2019 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%

Major: 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		Program, Course, & Race/Ethnicity	2017-2018		2018-2019	
	# Students Enrolled	Success Rate	# Students Enrolled	Success Rate		# Students Enrolled	Success Rate	# Students Enrolled	Success Rate
1071 - Electrician - Non-Union	316	85%	368	91%	BCA0350L	35	80%	42	79%
BCA0340L	12	100%	10	90%	Black	4	75%	6	67%
Hispanic	1	100%	4	100%	Hispanic	9	78%	7	71%
Unknown			3	100%	Native Hawaiian			1	100%
White	10	100%	3	67%	Unknown			1	100%
BCA0341	12	100%	9	100%	White	20	80%	27	81%
Hispanic	1	100%	4	100%	BCA0351	26	92%	31	87%
Unknown			3	100%	Black	2	50%	4	75%
White	10	100%	2	100%	Hispanic	6	83%	5	100%
BCA0341L	12	83%	9	89%	Native Hawaiian			1	100%
Hispanic	1	100%	4	75%	Unknown			1	100%
Unknown			3	100%	White	17	100%	20	85%
White	10	80%	2	100%	BCA0351L	25	100%	31	87%
BCA0342	12	92%	9	100%	Black	2	100%	4	100%
Hispanic	1	100%	4	100%	Hispanic	5	100%	5	80%
Unknown			3	100%	Native Hawaiian			1	100%
White	10	90%	2	100%	Unknown			1	100%
BCA0342L	11	91%	9	100%	White	17	100%	20	85%
Hispanic	1	100%	4	100%	BCA0352L	18	78%	25	100%
Unknown			3	100%	Black			2	100%
White	9	89%	2	100%	Hispanic	5	60%	5	100%
BCA0343L	9	100%	11	91%	Unknown			1	100%
Black			1	100%	White	12	92%	17	100%
Hispanic	3	100%	1	100%	BCA0353	13	77%	24	96%
White	5	100%	9	89%	Black			1	100%
BCA0350	35	69%	42	79%	Hispanic	2	50%	5	80%
Black	4	25%	6	67%	Unknown			1	100%
Hispanic	9	56%	7	71%	White	11	82%	17	100%
Native Hawaiian			1	100%	BCA0353L	15	80%	24	96%
Unknown			1	100%	Black			1	100%
White	20	85%	27	81%	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)

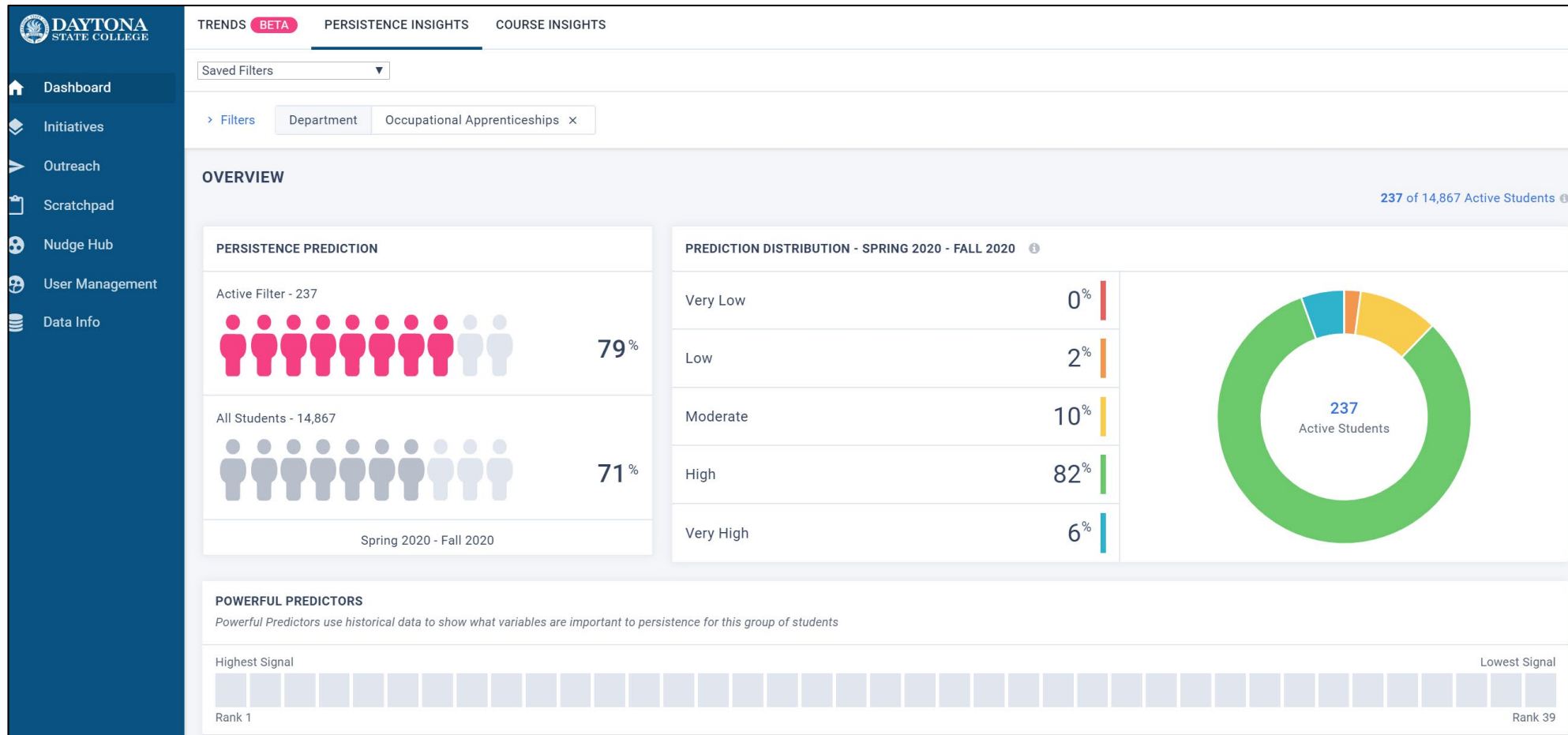| Program, Course, & Race/Ethnicity	2017-2018		2018-2019	
	# Students Enrolled	Success Rate	# Students Enrolled	Success Rate
BCA0354	11	91%	23	91%
Black			1	100%
Hispanic	2	50%	4	100%
Unknown			1	0%
White	9	100%	17	94%
BCA0354L	10	100%	23	96%
Black			1	100%
Hispanic	1	100%	4	100%
Unknown			1	100%
White	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