ASSESSMENT DAY

College of Workforce, Continuing and Adult Education

School of Workforce Careers

May 1, 2019

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

1054 - Air Conditioning, Refrigeration and Heating Mechanic

1011 - Air Conditioning, Refrigeration, and Heating Technology

1097 - Automotive Collision Repair and Refinishing

1201 - Automotive Service Technology

1209 - Building Trades and Construction Design Technology

1202 - Machining

1206 - Transit Technician I (Limited Access Program)

1207 - Transit Technician II (Limited Access Program)

1208 - Transit Technician III (Limited Access Program)

1033 - Welding Technology - Applied

Last Assessment Day Action Items

Assessment Meeting: 3/28/2018

- Conversion pathways to the AS Industrial Management with all faculty, students, advisory board and community;
- Work on outcome assessment with Karla;
- Advise students to enter other programs by looking at what courses already taken will align;
- Provide orientation 2 weeks prior to classes;
- Include Adult Ed. in orientation;
- For Institutional Effectiveness:
  - Auto-graduation process;
  - Understanding the waitlist process;
  - Invite Alicia Alexander and Kathy Hoellen to the next assessment day;
- For Institutional Research:
  - Provide cohort list;
  - Waitlist query;
  - Persistence rate included for 1 year programs

1054 – Air Conditioning, Refrigeration and Heating Mechanic Program Learning Outcomes

Graduates of the program will be able to:

PO1: Demonstrate the ability to safely follow rules and regulations to industry standards.

PO2: Use appropriate tools, equipment, material and electrical products used in the industry.
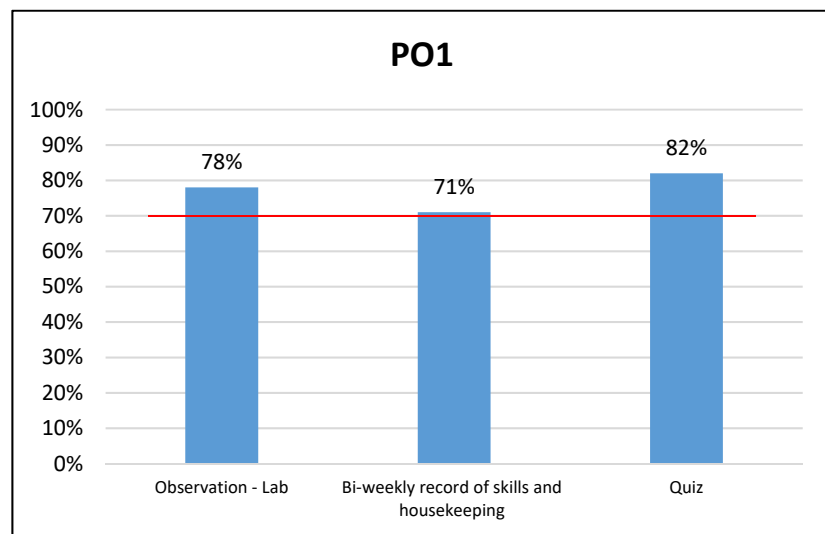
PO3: Demonstrate knowledge in all aspects of the industry including but not limited to theory, application, and troubleshooting.

PO4: Demonstrate the skills required to work in the residential and commercial markets.
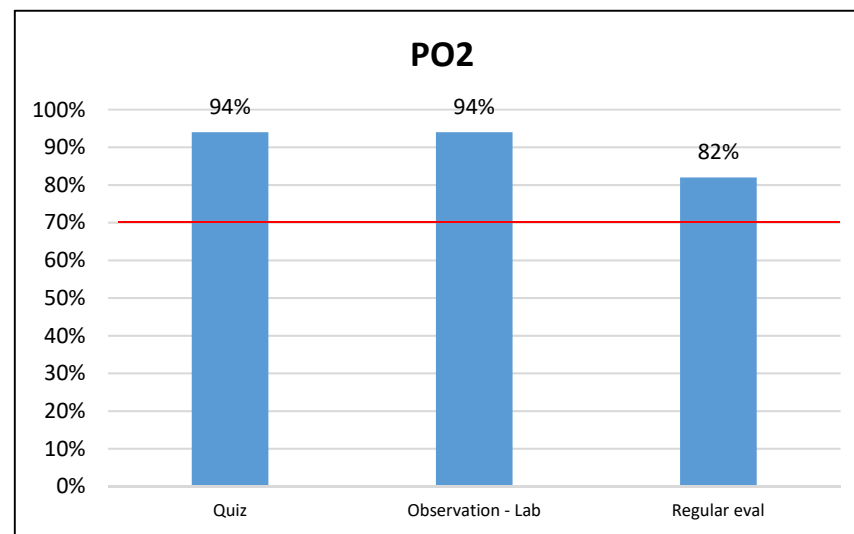
PO5: Demonstrate the process required to install and maintain a residential HVAC project.

Assessment Data 2017-2018
1054 – Air Conditioning, Refrigeration and Heating Mechanic

PO1

PO1: Demonstrate the ability to safely follow rules and regulations to industry standards. *Target: 70% of students will achieve a competency level of 80% or higher.*

PO2

PO2: Use appropriate tools, equipment, material and electrical products used in the industry. *Target: 70% of students will achieve a competency level of 80% or higher.*
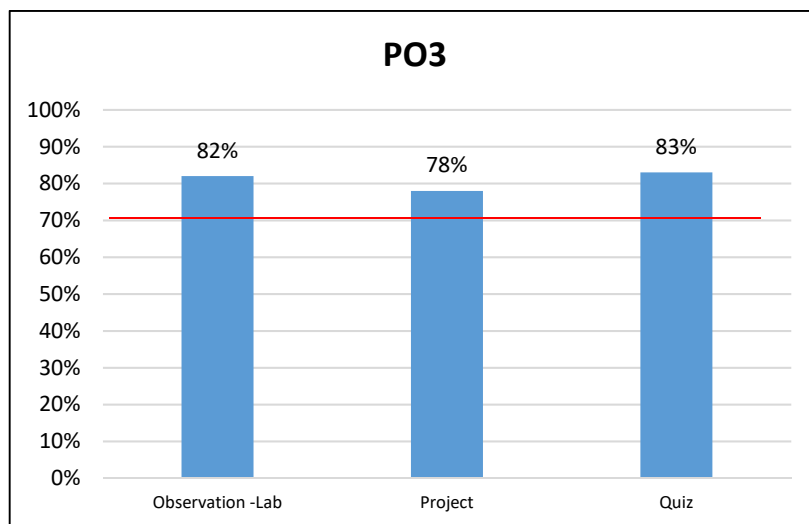
PO3

PO3: Demonstrate knowledge in all aspects of the industry including but not limited to theory, application, and troubleshooting. *Target: 70% of students will achieve a competency level of 80% or higher.*

Assessment Data 2017-2018
1054 – Air Conditioning, Refrigeration and Heating Mechanic
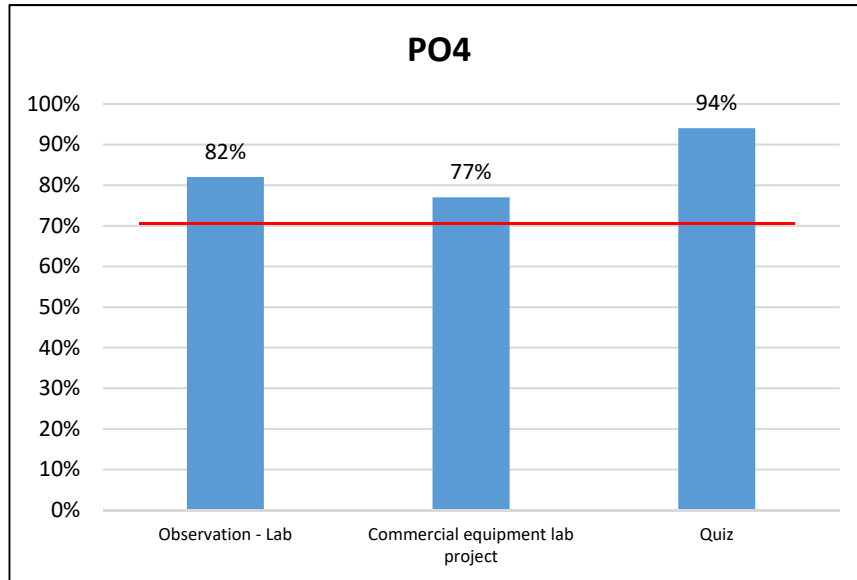
PO4: Demonstrate the skills required to work in the residential and commercial markets. *Target: 70% of students will achieve a competency level of 80% or higher.*

PO5: Demonstrate the process required to install and maintain a residential HVAC project. *Target: 70% of students will achieve a competency level of 80% or higher.*

1011 - Air Conditioning, Refrigeration, and Heating Tech. Program Learning Outcomes

Graduates of the program will be able to:

PO1: Demonstrate the ability to direct safety rules and regulations to industry standards.

PO2: Use advanced tools, equipment, material and electrical products required in the industry.

PO3: Demonstrate proficiency in all aspects of the industry including but not limited to theory, application, and troubleshooting.

PO4: Demonstrate the skills required in the residential and commercial and markets.

PO5: Demonstrate the process required to install, maintain and service a residential or commercial HVAC project.

Assessment Data 2017-2018
1011 - Air Conditioning, Refrigeration, and Heating Tech.

PO1

PO1: Demonstrate the ability to direct safety rules and regulations to industry standards. *Target: 70% percent of students will achieve 80% higher on the assessments*
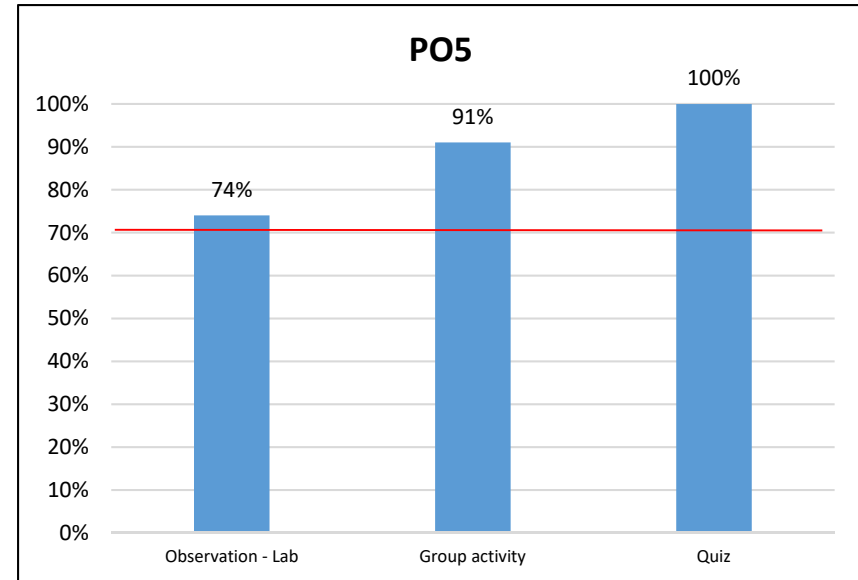
PO2

PO2: Use advanced tools, equipment, material and electrical products required in the industry. *Target: 70% percent of students will achieve 80% higher on the assessments*
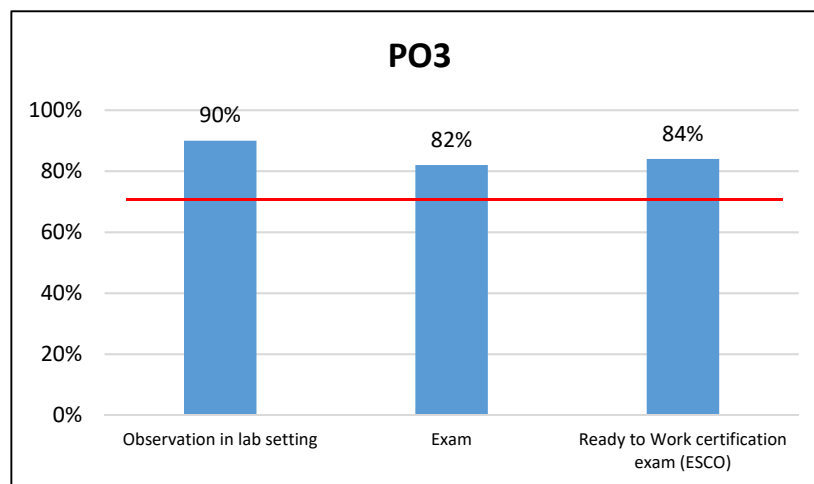
PO3

PO3: Demonstrate proficiency in all aspects of the industry including but not limited to theory, application, and troubleshooting. *Target: 70% of students will achieve 80% or higher in all assessment measures.*

Source: School of Education Assessment Reports

Assessment Data 2017-2018
1011 - Air Conditioning, Refrigeration, and Heating Tech.
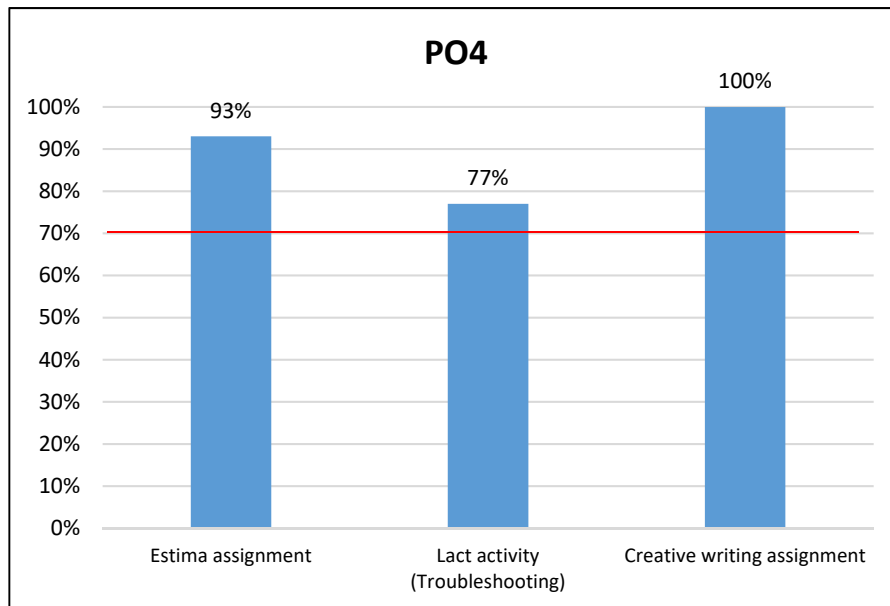
PO4: Demonstrate the skills required in the residential and commercial and markets. *Target: 70% of students will achieve 80% or higher in all assessment measures.*

PO5: Demonstrate the process required to install, maintain and service a residential or commercial HVAC project. *Target: 70% of the students achieving 70% or higher in all assessment measures*

1097 - Automotive Collision Repair and Refinishing Program Learning Outcomes NO REPORT

Graduates of the program will be able to:

PO1: Demonstrate knowledge and ability to safely follow rules and regulations to I-CAR standards.

PO2: Identify and use different tools, equipment, material and computerized products used in the industry.

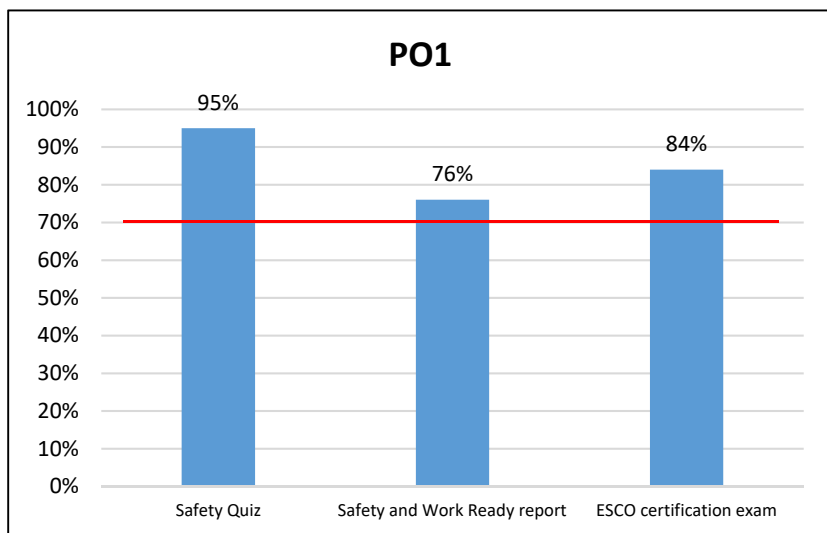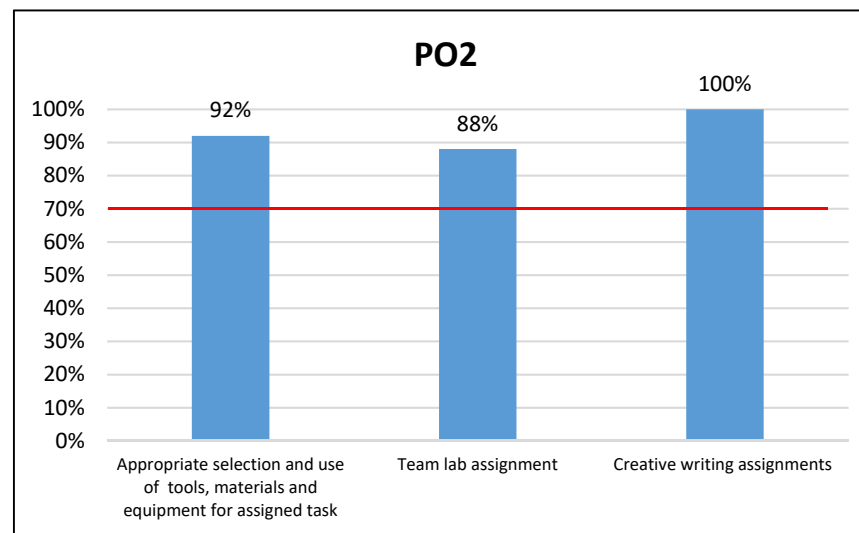**PO3:** Demonstrate proficiency in all aspects of the industry including but not limited to theory, application, troubleshooting and safety.

PO4: Demonstrate knowledge and skills of all aspects of collision repair and refinishing.

1201 - Automotive Service Technology
Program Learning Outcomes

Graduates of the program will be able to:

PO1: Demonstrate appropriate employability skills.

PO2: Safely perform industry light line service procedures as prescribed by Natef.

PO3: Diagnose automotive systems.

PO4: Service automotive systems.

PO5: Repair automotive systems.

Assessment Data 2017-2018
1201 - Automotive Service Technology

PO1
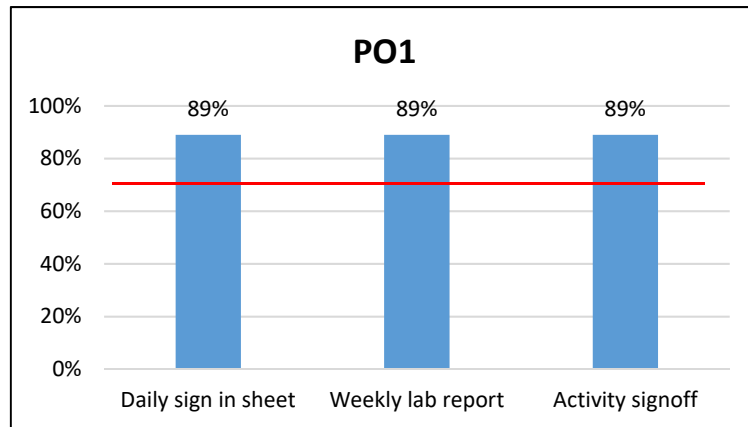
PO1: Demonstrate appropriate employability skills. *Target: 70% of the students must successfully complete all of the assessment measures.*

PO2
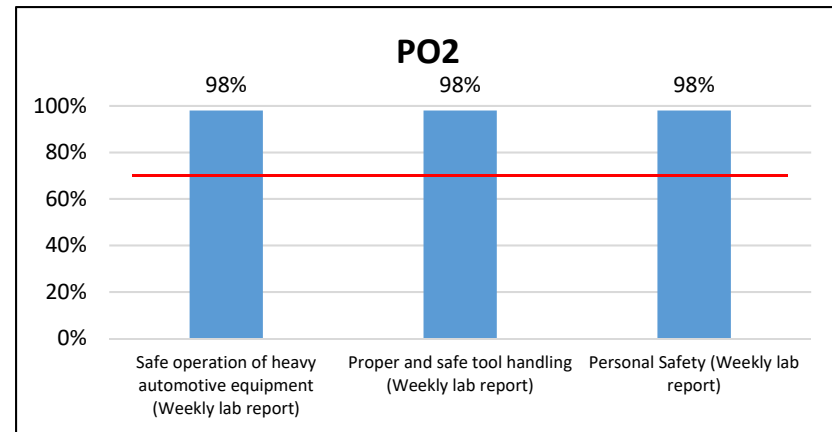
PO2: Safely perform industry light line service procedures as prescribed by Natef. Target: *70% of the students must successfully complete all of the assessment measures*.
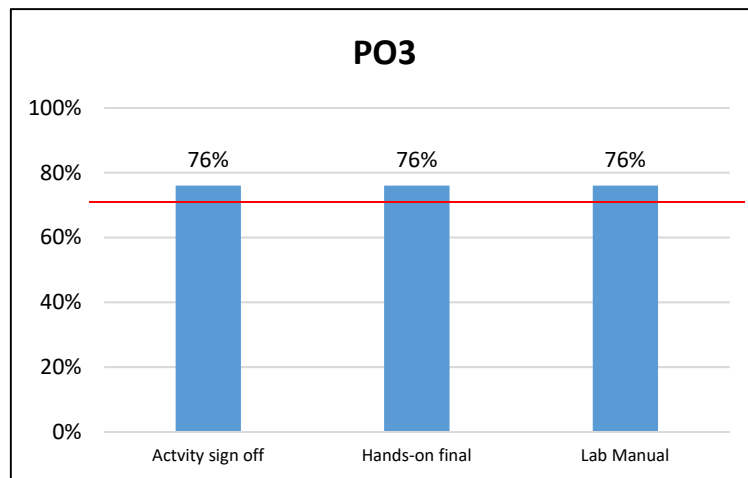
PO3

PO3: Diagnose automotive systems. *Target: 70% of the students must successfully complete all of the assessment measures.*

PO4
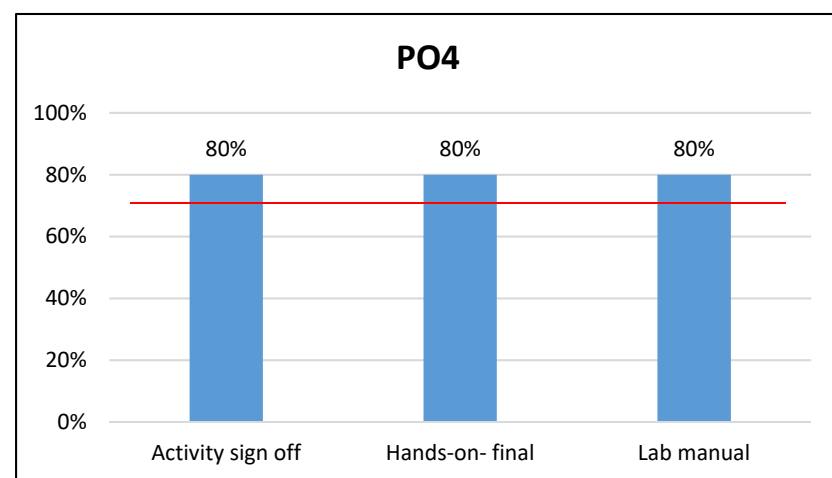
PO4: Service automotive systems. *Target: 70% of the students must successfully complete all of the assessment measures.*

Assessment Data 2017-2018
1201 - Automotive Service Technology

PO5

PO5: Repair automotive systems. *Target: 70% of the students must successfully complete all of the assessment measures.*

1202 – Machining
Program Learning Outcomes

Graduates of the program will be able to:

PO1: Demonstrate knowledge and ability to safely follow rules and regulations to machining standards.

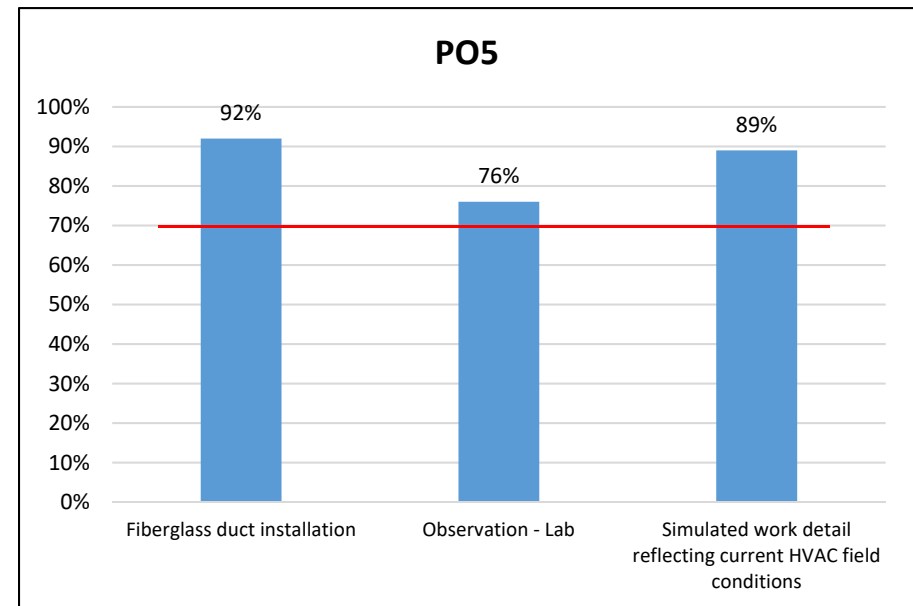**PO2:** Utilize appropriate machine tooling, equipment, materials and electrical products common place in the industry.

PO3: Demonstrate proficiency in all aspects of the industry including but not limited to theory, application, and troubleshooting.

PO4: Demonstrate the required steps to successfully complete projects.

PO5: Demonstrate the skills needed in the commercial and industrial markets.

Assessment Data 2017-2018
1202 - Machining
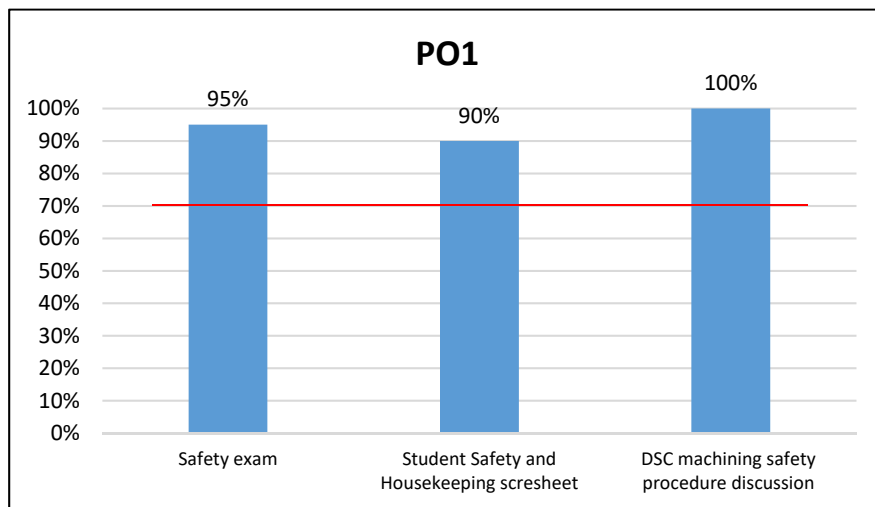
PO1

95% — Safety exam
90% — Student Safety and Housekeeping screesheet
100% — DSC machining safety procedure discussion

PO1: Demonstrate knowledge and ability to safely follow rules and regulations to machining standards. *Target: 70% of students must score 80% or higher on all assessment measures*
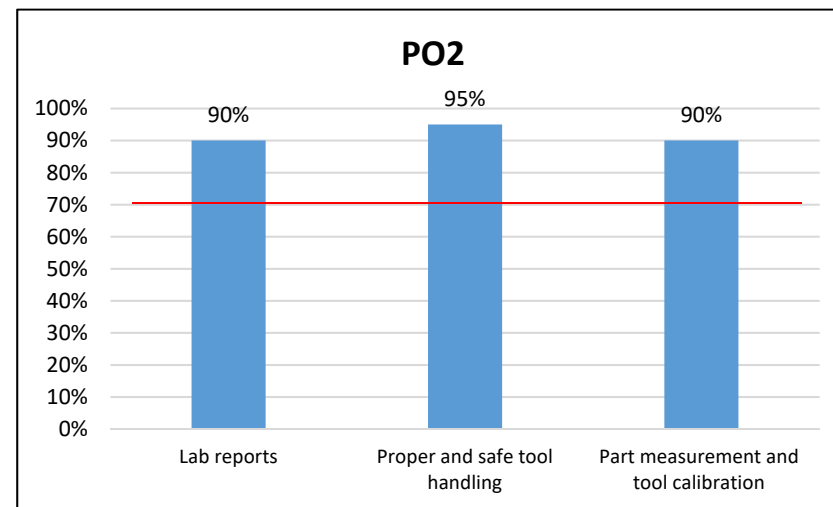
PO2

90% — Lab reports
95% — Proper and safe tool handling
90% — Part measurement and tool calibration

PO2: Utilize appropriate machine tooling, equipment, materials and electrical products common place in the industry. *Target: 70% of the students achieving 80% or higher in all assessment measures*
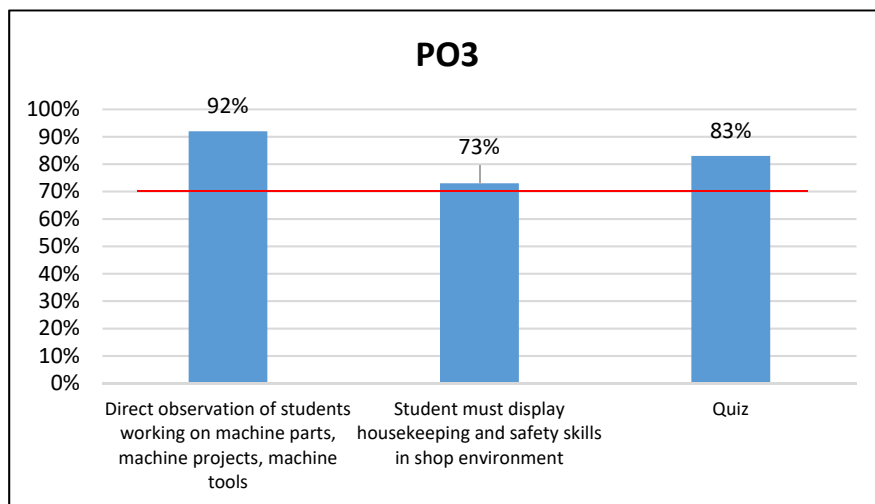
PO3

92% — Direct observation of students working on machine parts, machine projects, machine tools
73% — Student must display housekeeping and safety skills in shop environment
83% — Quiz

PO3: Demonstrate proficiency in all aspects of the industry including but not limited to theory, application, and troubleshooting. Target: *70% of the students achieving 80% or higher in all assessment measures*

Source: School of Education Assessment Reports

Assessment Data 2017-2018
1202 - Machining

PO4
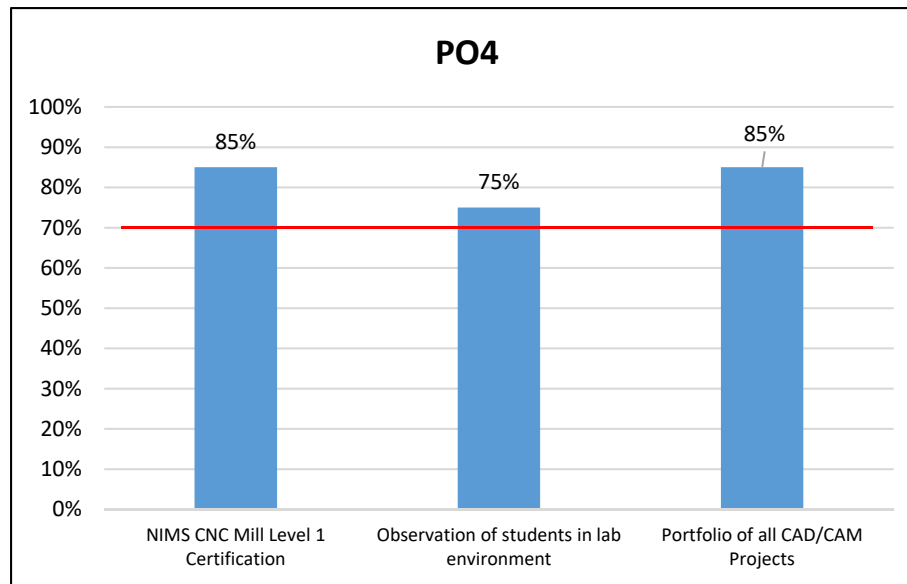
PO4: Demonstrate the required steps to successfully complete projects. *Target: 70% of students achieving 80% or higher in all assessment measures*

PO5
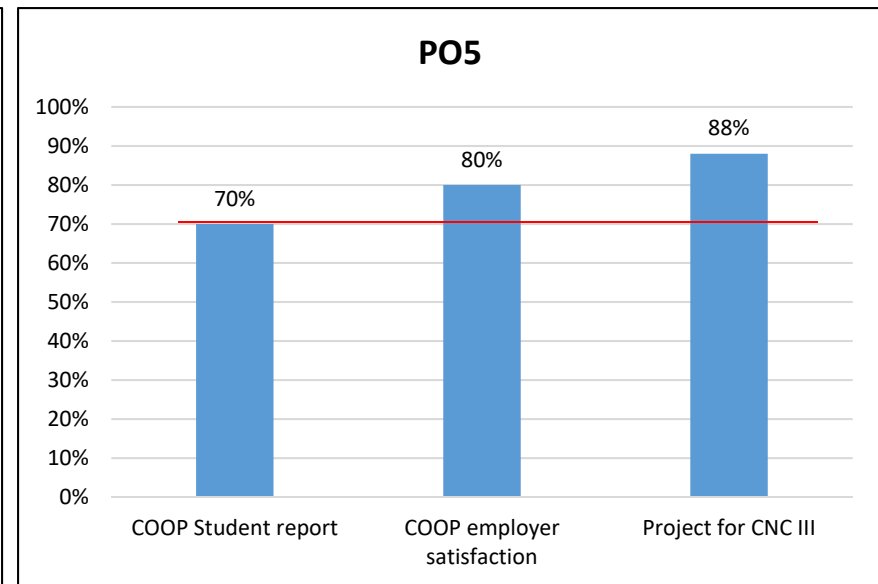
PO5: Demonstrate the ability to plan and initiate projects in the machining field of work. *Target: 70% of students achieving 80% or higher in all assessment measures*

1033 - Welding Technology - Applied
Program Learning Outcomes

Graduates of the program will be able to:

PO1: Demonstrate knowledge and ability to safely follow rules and regulations to welding certification standards.

PO2: Use appropriate tools, equipment, material, and electrical products found in industry.

PO3: Demonstrate proficiency in all aspects of the industry including but not limited to theory, application, and troubleshooting.

PO4: Demonstrate the skills needed in the commercial and industrial markets.

PO5: Demonstrate the steps needed to initiate and complete a blueprint project.

Assessment Data 2017-2018
1033 - Welding Technology - Applied
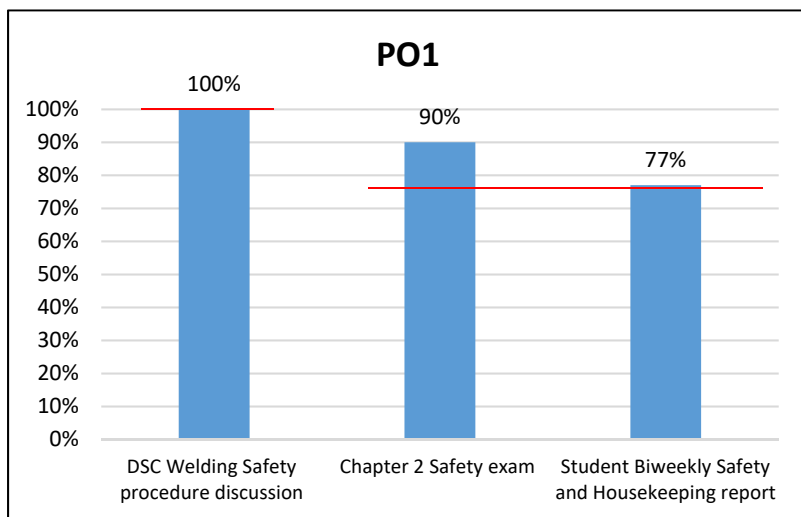
PO1

PO1: Demonstrate the ability to safely follow rules and regulations to welding certification standards. *Target: 100% students discussing and signing the DSC Welding Safety procedure. 75% of students achieving 80% or higher in the Safety exams and Student Biweekly Safety and Housekeeping report*

PO2
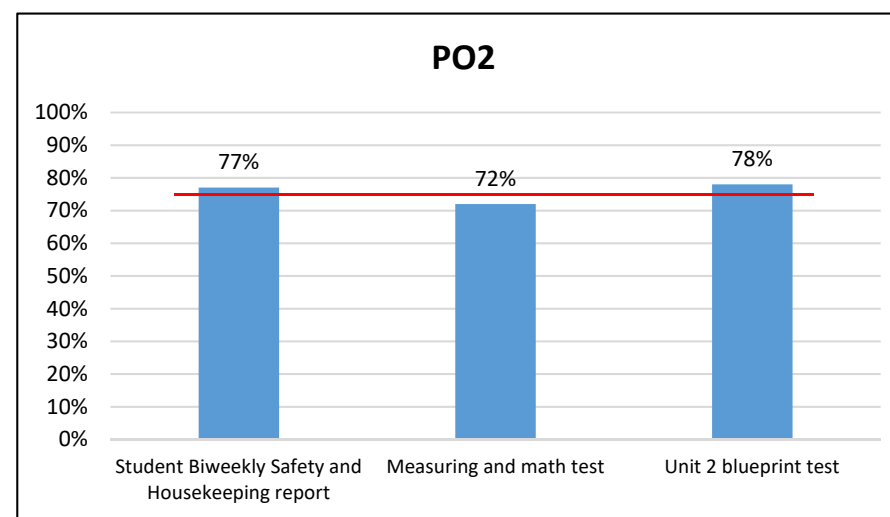
PO2: Use appropriate tools, equipment, material, and electrical products found in industry. *Target: 75% of students achieving 80% or higher in all assessment measures.*
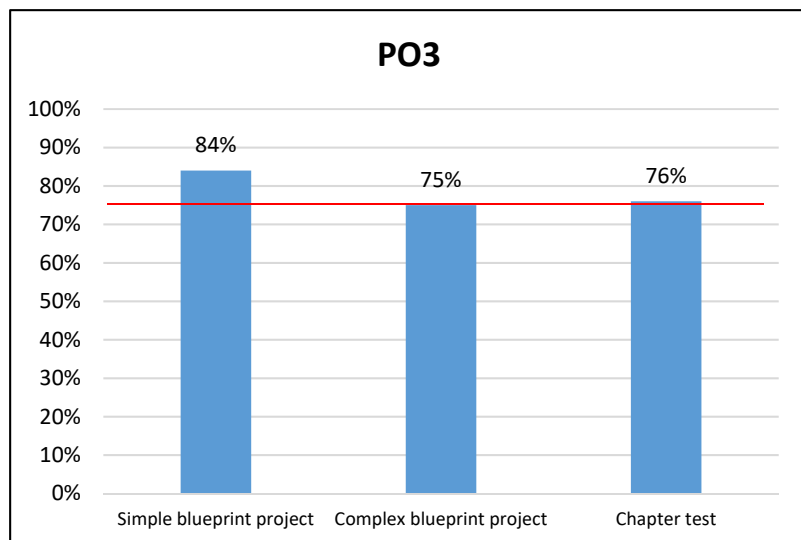
PO3

PO3: Demonstrate proficiency in all aspects of the industry including but not limited to theory, application, and troubleshooting. *Target: 75% of students achieving 80% or higher in all assessment measures.*

Assessment Data 2017-2018
1033 - Welding Technology - Applied

PO4

100% 90% 80% 70% 60% 50% 40% 30% 20% 10% 0%

84% — Simple blueprint project
75% — Complex blueprint project
77% — Student biweekly safety and housekeeping report
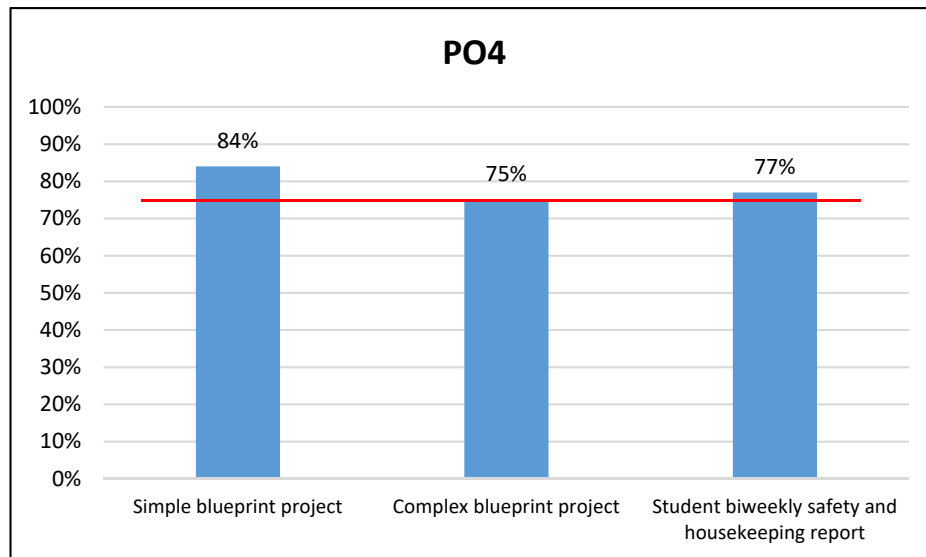
PO4: Demonstrate the skills needed in the commercial and industrial markets. *Target: 75% of students achieving 80% or higher in all assessment measures*

PO5

100% 90% 80% 70% 60% 50% 40% 30% 20% 10% 0%

92% — Reverse engineering project
83% — To scale drawing
77% — Student biweekly safety and housekeeping report
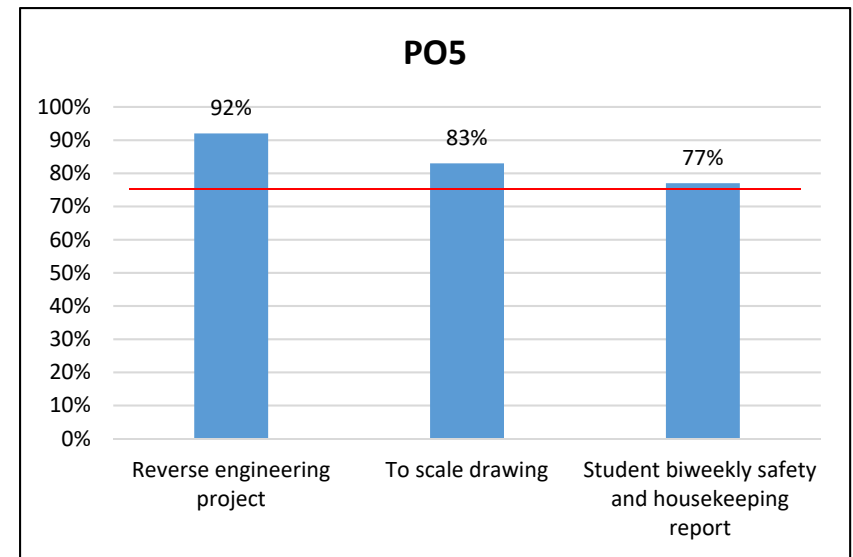
PO5: Demonstrate the steps needed to initiate and complete a blueprint project. *Target: 75% of students achieving 80% or higher in all assessment measures*

1209 – Building Trades and Construction Design Tech. Program Learning Outcomes

Graduates of the program will be able to:

PO1: Demonstrate an understanding of the construction industry and related occupations including but not limited to OSHSA safety practices, selection and use of basic hand and power tools, and understanding of construction related documents.

PO2: Identify/Apply rough and finish carpentry, masonry, electrical, plumbing and air conditioning skills.

PO3: Develop employability and entrepreneurship skills.

PO4: Demonstrate the ability to plan and implement projects within the construction field.

Assessment Data 2017-2018
1209 – Building Trades and Construction Design Tech.
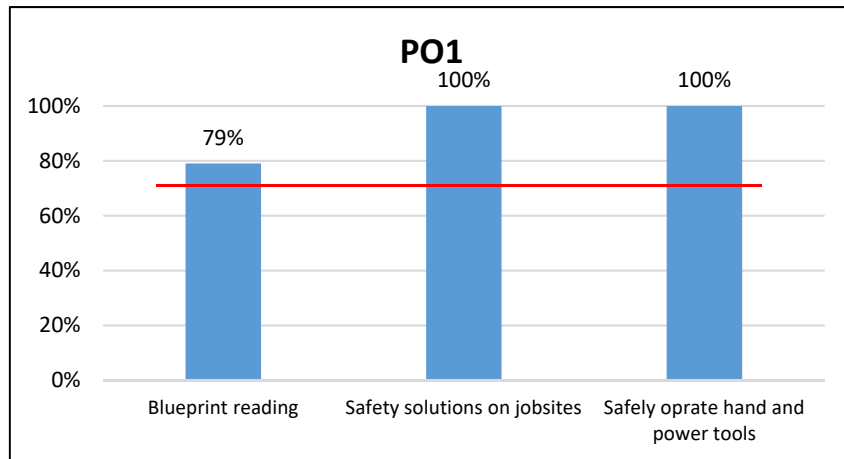
PO1

(Bar chart — Blueprint reading: 79%, Safety solutions on jobsites: 100%, Safely oprate hand and power tools: 100%)

PO1: Demonstrate an understanding of the construction industry and related occupations including but not limited to OSHSA safety practices, selection and use of basic hand and power tools, and understanding of construction related documents. *Target: 70% of students will achieve 80% or higher in all assessment measures.*

PO2

(Bar chart — Direct Observation - students working on classroom projects: 95%, Identify, measure and cut material used for each project: 100%, Project completion: 100%)
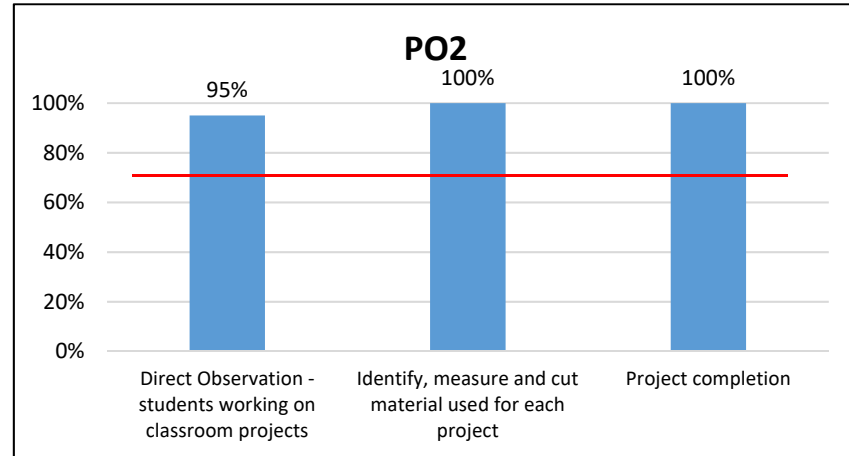
PO2: Apply rough and finish carpentry, masonry, electrical, plumbing and air conditioning skills. *Target:70% of students will achieve 80% or higher in all assessment measures.*

PO3

(Bar chart — Manage a Project: 74%, Apply for a specific position and sit for an interview: 89%, Customer Relations: 89%)
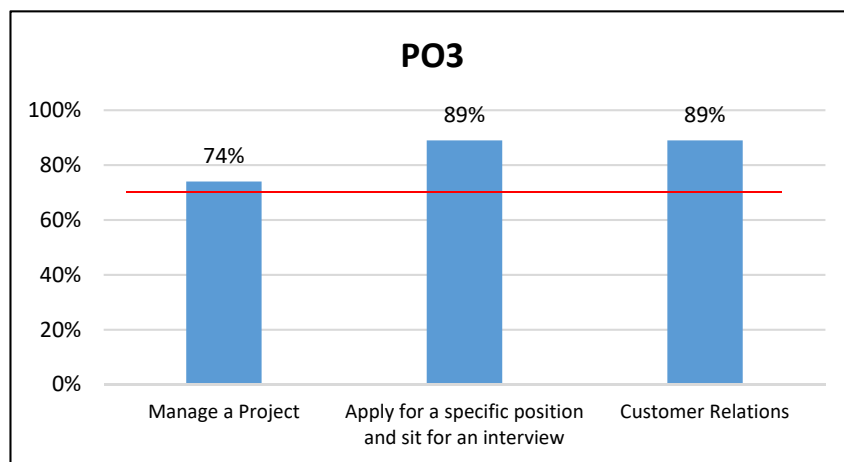
PO3: Develop employability and entrepreneurship skills. *Target: 70% of students will achieve 80% or higher in all assessment measures.*
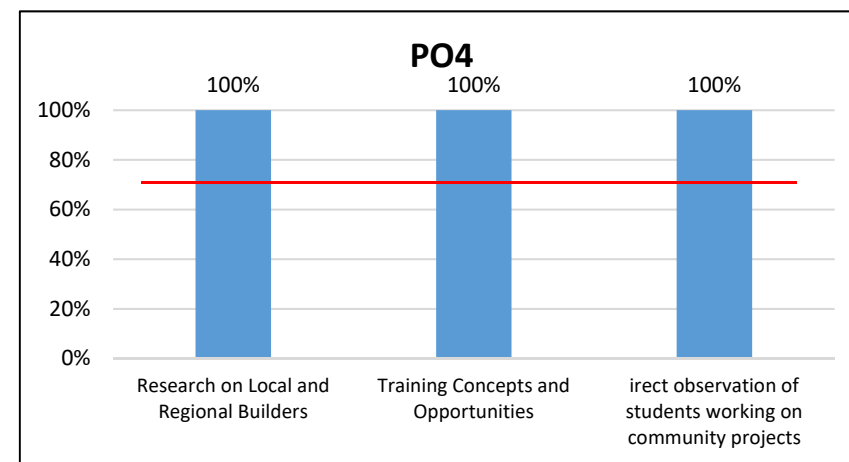
PO4

(Bar chart — Research on Local and Regional Builders: 100%, Training Concepts and Opportunities: 100%, irect observation of students working on community projects: 100%)

PO4: Demonstrate the ability to plan and implement projects within the construction field. *Target:% of students will achieve 80% or higher in all assessment measures*

Assessment Data
Program vs. Institutional Learning Outcomes

Program	Critical/ Creative Thinking		Communication		Cultural Literacy		Information and Technical Literacy	
	16/17	17/18	16/17	17/18	16/17	17/18	16/17	17/18
Air Conditioning, Refrigeration, and Heating Mechanic (1054)	70%-85%	79%-87%	85%	82%-86%	83%	88%-100%	70%-80%	80%-93%
Air Conditioning, Refrigeration, and Heating Technology (1011)	70%-85%	85%-100%	85%	85%-90%	83%	65%-95%	70%-80%	85%-90%
Automotive Collision Repair and Refinishing (1097)	80%-90%	NR	95%-100%	NR	60%-90%	NR	100%	NR
Automotive Service Technology (1201)	90%	89%	84%	89%	82%	89%	85%	89%
Building Trades and Construction Design Technology (1209)	80%-90%	74%-95%	100%	100%	80%-95%	84%-95%	78%-90%	74%-95%
Machining (1202)	80%-82%	75%-90%	91%-95%	73%-90%	80%-82%	65%-100%	85%	70%-94%
Transit Technician I (1206)	-	-	-	-	-	-	-	-
Transit Technician II (1207)	-	-	-	-	-	-	-	-
Transit Technician III (1208)	-	-	-	-	-	-	-	-
Welding Technology – Applied (1033)	75%-100%	77%-92%	80%	77%-92%	80%-85%	77%-92%	85%	75%-92%

NR – No report

Source: School of Education Assessment Reports

Course Success Rates (1 of 3)

Major and Associated Courses with Instructional Method		2014-2015		2015-2016		2016-2017		2017-2018	
		# Attempted	% Successful	# Attempted	% Successful	# Attempted	% Successful	# Attempted	% Successful
1011- A/C, Refrigeration & Heating Tech at the ATC	ACR0001C Lecture	40	85%	40	80%	40	68%	42	88%
	ACR0002C Lecture	35	66%	36	78%	35	69%	38	89%
	ACR0061C Lecture	33	67%	28	86%	30	83%	28	96%
	ACR0062C Lecture	35	69%	26	81%	30	77%	29	90%
	ACR0100C Lecture	39	97%	42	79%	42	76%	46	80%
	ACR0102C Lecture	38	63%	40	65%	39	62%	39	90%
	ACR0150C Lecture	32	84%	25	100%	32	91%	24	71%
	ACR0205C Lecture	34	59%	28	50%	31	77%	27	85%
	ACR0506C Lecture	30	87%	25	100%	32	84%	21	95%
	ACR0600C Lecture	22	77%	18	89%	25	88%	17	94%
	ACR0601C Lecture	24	63%	19	84%	26	85%	17	94%
	ACR0741C Lecture	31	81%	27	96%	32	78%	26	54%
	ACR0742C Lecture	23	83%	18	78%	28	93%	16	100%
	ACR0815C Lecture	23	61%	18	94%	24	83%	17	94%
	ACR0850C Lecture	31	77%	25	96%	33	82%	23	87%
	Major	**470**	**75%**	**415**	**82%**	**570**	**79%**	**410**	**86%**
1033- Welding Technology at Daytona	PMT0106C Lecture	48	92%	19	100%	19	100%	27	96%
	PMT0109C Lecture	21	90%	18	72%	19	95%	26	100%
	PMT0121C Lecture	18	94%	22	82%	19	89%	26	92%
	PMT0131C Lecture	10	100%	15	100%	29	86%	22	91%
	PMT0134C Lecture	8	100%	23	96%	4	100%	23	96%
	PMT0134C IS					14	100%		
	PMT0154C Lecture	18	89%	21	90%	19	89%	26	88%
	PMT0161C Lecture	8	100%	23	100%	4	100%	23	87%
	PMT0161C IS					15	93%		
	PMT0171C Lecture	9	100%	15	93%	27	96%	20	90%
	PMT0290 Lecture			18	94%	14	100%	9	100%
	PMT0290 CO					1	100%		
	Major	**140**	**94%**	**174**	**92%**	**210**	**93%**	**202**	**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

Course Success Rates (2 of 3)

Major and Associated Courses with Instructional Method			2014-2015		2015-2016		2016-2017		2017-2018	
			# Attempted	% Successful	# Attempted	% Successful	# Attempted	% Successful	# Attempted	% Successful
1097-Automotive Collision Repair & Refinishing ATC	ARR0121C	Online			8	88%*	16	94%	12	100%
	ARR0122C	Online			14	93%*	15	73%	16	94%
	ARR0123C	Online					11	91%	13	100%
	ARR0241C	Online			8	88%*	16	94%	13	100%
	ARR0242C	Online			14	93%*	15	67%	16	94%
	ARR0243C	Online					11	91%	13	100%
	ARR0244C	Online					11	91%	13	100%
	ARR0381C	Online			7	71%*	16	94%	12	100%
	ARR0382C	Online			13	92%*	15	73%	16	88%
	ARR0949	Lecture					3	100%		
		Major			64	89%	162	86%	124	97%
1201-Automotive Service Technology ATC	AER0014C	Online	21	90%	21	95%	22	82%	17	94%
	AER0110C	Online	20	85%	21	86%	22	91%	14	86%
	AER0172C	Online	23	91%	20	90%	21	90%	19	74%
	AER0257C	Online	21	48%*	23	87%*	21	90%*	18	67%
	AER0274C	Online	23	91%*	24	88%*	24	79%*	15	87%
	AER0360C	Online	25	64%*	24	79%*	19	89%*	18	78%
	AER0418C	Online	23	91%	21	95%	20	85%	15	93%
	AER0453C	Online	18	100%	20	90%	21	76%	12	100%
	AER0503C	Online	23	65%*	23	57%*	25	64%*	15	67%
		Major	197	80%	197	85%	195	83%	143	82%

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

*Lecture in the past

Source: IR Program Assessment Data

Course Success Rates (3 of 3)

Major and Associated Courses with Instructional Method			2014-2015		2015-2016		2016-2017		2017-2018	
			# Attempted	% Successful	# Attempted	% Successful	# Attempted	% Successful	# Attempted	% Successful
1202 Machining	PMT0211C	Lecture	32	88%	14	93%	23	91%	34	79%
	PMT0215C	Lecture	28	100%	11	100%	19	95%	34	68%
	PMT0251C	Lecture	19	89%	35	83%	20	90%	28	82%
	PMT0255C	Lecture	18	83%	15	93%	30	87%	26	85%
	PMT0260C	Lecture	20	100%	17	100%	8	88%	18	100%
	PMT0265C	Lecture	19	100%	16	94%	26	85%	17	88%
	PMT0720C	Lecture			21	100%	24	88%	13	92%
	TDR0304C	IS	17	94%	11	100%	1	100%		
		Lecture					22	82%	15	93%
	PMT0720C	Lecture					1	100%		
	Major		153	93%	140	94%	174	89%	185	83%
1209 Building Trades and Construction Tech.	BCV0080L	Lecture					15	47%	15	93%
	BCV0081L	Lab					5	100%		
		Lecture					8	88%	7	71%
	BCV0082L	Lecture					13	77%	7	71%
	BCV0084L	Lecture					13	77%	7	71%
	Major						54	72%	36	81%
DSC	Hybrid			84%		82%		81%		82%
	Lecture			78%		80%		81%		83%
	Online			76%		78%		76%		78%

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 Rates by Session/Sub-session – Multiple Only (1 of 3)

Major, Associated Courses and Session/Sub-session				2014-2015		2015-2016		2016-2017		2017-2018	
				# Attempted	% Successful	# Attempted	% Successful	# Attempted	% Successful	# Attempted	% Successful
1011- A/C, Refrigeration & Heating Tech ATC	ACR0001C	FA	Full term	20	90%	20	75%	21	76%	17	100%
		SP	Full term	20	80%	20	85%	19	58%	25	80%
	ACR0002C	FA	Full term	18	72%	17	71%	19	74%	17	94%
		SP	Full term	17	59%	19	84%	16	63%	21	86%
	ACR0100C	FA	Full term	19	100%	20	80%	21	81%	19	84%
		SP	Full term	20	95%	22	77%	21	71%	27	78%
	ACR0102C	FA	Full term	19	68%	21	62%	21	71%	17	100%
		SP	Full term	19	58%	19	68%	18	50%	22	82%
	ACR0150C	FA	Full term	15	87%	10	100%	16	81%	9	78%
		SP	Full term	17	82%	15	100%	16	100%	15	67%
	ACR0506C	FA	Full term	15	93%	9	100%	15	87%	9	89%
		SP	Full term	15	80%	16	100%	17	82%	12	100%
	ACR0600C	FA	Full term	10	90%	9	78%	11	73%	13	92%
		SP	Full term	12	67%	9	100%	14	100%	4	100%
	ACR0601C	FA	Full term	11	82%	9	100%	12	67%	13	92%
		SP	Full term	13	46%	10	70%	14	100%	4	100%
	ACR0741C	FA	Full term	15	93%	11	91%	15	87%	9	56%
		SP	Full term	16	69%	16	100%	17	71%	17	53%
	ACR0742C	FA	Full term	10	90%	9	78%	14	86%	12	100%
		SP	Full term	13	77%	9	78%	14	100%	4	100%
	ACR0815C	FA	Full term	11	82%	9	100%	10	80%	12	92%
		SP	Full term	12	42%	9	89%	14	86%	5	100%
	ACR0850C	FA	Full term	15	87%	10	90%	16	88%	9	78%
		SP	Full term	16	69%	15	100%	17	76%	14	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

Course Success Rates by Session/Sub-session – Multiple Only (2 of 3)

Major, Associated Courses and Session/Sub-session			2014-2015		2015-2016		2016-2017		2017-2018	
			# Attempted	% Successful	# Attempted	% Successful	# Attempted	% Successful	# Attempted	% Successful
1033- Welding Technology Daytona	PMT0106	FA A term	24	88%	19	100%				
		FA Full term								
		SP A term	20	95%						
		SP Full term	3	100%						
	PMT0109	FA B term	10	100%	18	72%				
		SP B term	11	82%						
	PMT0134C	FA A term	8	100%	14	93%	4	100%		
		SP A term			9	100%				
		SP Full term					14	100%		
	PMT0161C	FA B term	8	100%	14	100%	4	100%		
		SP B term			9	100%				
		SP Full term					15	93%		
	PMT0290	FA A term							1	100%
		FA B term					1	100%	1	100%
		SP A term			4	100%			2	100%
		SP B term			7	100%	6	100%	3	100%
		SP Full term					7	100%	2	100%
		SU Full term			7	100%	1	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 Rates by Session/Sub-session– Multiple Only (3 of 3)

Major, Associated Courses and Session/Sub-session				2014-2015		2015-2016		2016-2017		2017-2018	
				# Attempted	% Successful	# Attempted	% Successful	# Attempted	% Successful	# Attempted	% Successful
1202-Machining ATC	PMT0211C	FA	A term	17	88%	14	93%	15	87%		
			Full term					8	100%		
		SP	A term	15	87%						
			Full term								
	PMT0215C	FA	B term	15	100%	11	100%	11	91%		
			Full term					8	100%		
		SP	B term	13	100%						
			Full term								
	PMT0251C	FA	A term			18	78%			17	71%
			B term					13	92%		
			Full term					8	75%		
		SP	A term			17	88%			11	100%
	PMT0255C	FA	B term							15	73%
		SP	B term							11	100%
	PMT0260C	SP	A term					19	79%		
			Full term					7	100%		
	PMT0265C	SP	B term					16	94%		
			Full term					8	75%		
	PMT0720C	SP	B term					10	100%		
			Full term					8	75%		
	TDR0304	FA	B term	9	89%	1	100%				
		SP	A term			10	100%				
			B term	8	100%						
1209 Building Trades and Construction Tech	BCV0080L	FA	Full term							14	93%
		SP	Full term							1	100%
	BCV0081L	SP	Full term					15	47%		
		SU	Full term					5	100%		
	BCV0082L	FA	Full term					5	100%		
		SP	Full term					8	63%		
	BCV0084L	FA	Full term					5	100%		
		SP	Full term					8	63%		

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 Rates by Modality and Session/Sub-session (1 of 4)

Program, Courses, IM, & Session/Sub-session	# Enrolled Students	Success Rate
1011 - A/C, Refrigeration & Heating Tech at the ATC	410	86%
ACR0001C	42	88%
Lecture	42	88%
Fall 2017	17	100%
DYN	17	100%
Spring 2018	25	80%
DYN	25	80%
ACR0002C	38	89%
Lecture	38	89%
Fall 2017	17	94%
DYN	17	94%
Spring 2018	21	86%
DYN	21	86%
ACR0061C	28	96%
Lecture	28	96%
Summer 2017	28	96%
DYN	28	96%
ACR0062C	29	90%
Lecture	29	90%
Summer 2017	29	90%
DYN	29	90%
ACR0100C	46	80%
Lecture	46	80%
Fall 2017	19	84%
DYN	19	84%
Spring 2018	27	78%
DYN	27	78%
ACR0102C	39	90%
Lecture	39	90%
Fall 2017	17	100%
DYN	17	100%
Spring 2018	22	82%
DYN	22	82%

Program, Courses, IM, & Session/Sub-session	# Enrolled Students	Success Rate
1011 - A/C, Refrigeration & Heating Tech at the ATC	410	86%
ACR0150C	24	71%
Lecture	24	71%
Fall 2017	9	78%
DYN	9	78%
Spring 2018	15	67%
DYN	15	67%
ACR0205C	27	85%
Lecture	27	85%
Summer 2017	27	85%
DYN	27	85%
ACR0506C	21	95%
Lecture	21	95%
Fall 2017	9	89%
DYN	9	89%
Spring 2018	12	100%
DYN	12	100%
ACR0600C	17	94%
Lecture	17	94%
Fall 2017	13	92%
DYN	13	92%
Spring 2018	4	100%
DYN	4	100%
ACR0601C	17	94%
Lecture	17	94%
Fall 2017	13	92%
DYN	13	92%
Spring 2018	4	100%
DYN	4	100%
ACR0741C	26	54%
Lecture	26	54%
Fall 2017	9	56%
DYN	9	56%
Spring 2018	17	53%
DYN	17	53%

Course Success Rates by Modality and Session/Sub-session (2 of 4)

Program, Courses, IM, & Session/Sub-session	# Enrolled Students	Success Rate
1011 - A/C, Refrigeration & Heating Tech at the ATC	410	86%
ACR0742C	16	100%
Lecture	16	100%
Fall 2017	12	100%
DYN	12	100%
Spring 2018	4	100%
DYN	4	100%
ACR0815C	17	94%
Lecture	17	94%
Fall 2017	12	92%
DYN	12	92%
Spring 2018	5	100%
DYN	5	100%
ACR0850C	23	87%
Lecture	23	87%
Fall 2017	9	78%
DYN	9	78%
Spring 2018	14	93%
DYN	14	93%
1033 - Welding Tech at DAYT	202	93%
PMT0106C	27	96%
Lecture	27	96%
Fall 2017	27	96%
DYN	27	96%
PMT0109C	26	100%
Lecture	26	100%
Fall 2017	26	100%
DYN	26	100%
PMT0121C	26	92%
Lecture	26	92%
Fall 2017	26	92%
DYN	26	92%
PMT0131C	22	91%
Lecture	22	91%
Spring 2018	22	91%
DYN	22	91%

Program, Courses, IM, & Session/Sub-session	# Enrolled Students	Success Rate
1033 - Welding Tech at DAYT	202	93%
PMT0134C	23	96%
Lecture	23	96%
Spring 2018	23	96%
DYN	23	96%
PMT0154C	26	88%
Lecture	26	88%
Fall 2017	26	88%
DYN	26	88%
PMT0161C	23	87%
Lecture	23	87%
Spring 2018	23	87%
DYN	23	87%
PMT0171C	20	90%
Lecture	20	90%
Spring 2018	20	90%
DYN	20	90%
PMT0290	9	100%
Lecture	9	100%
Fall 2017	2	100%
FA7	1	100%
FB7	1	100%
Spring 2018	7	100%
Full term	2	100%
SA7	2	100%
SB7	3	100%
1097 - Automotive Collision Repair & Refinishing at ATC	124	97%
ARR0121C	12	100%
Online	12	100%
Fall 2017	12	100%
Full term	12	100%
ARR0122C	16	94%
Online	16	94%
Spring 2018	16	94%
Full term	16	94%

Course Success Rates by Modality and Session/Sub-session (3 of 4)

Program, Courses, IM, & Session/Sub-session	# Enrolled Students	Success Rate
1097 - Automotive Collision Repair & Refinishing at ATC	124	97%
ARR0123C	13	100%
Online	13	100%
Summer 2017	13	100%
ARR0241C	13	100%
Online	13	100%
Fall 2017	13	100%
Full term	13	100%
ARR0242C	16	94%
Online	16	94%
Spring 2018	16	94%
Full term	16	94%
ARR0243C	13	100%
Online	13	100%
Summer 2017	13	100%
ARR0244C	13	100%
Online	13	100%
Summer 2017	13	100%
ARR0381C	12	100%
Online	12	100%
Fall 2017	12	100%
Full term	12	100%
ARR0382C	16	88%
Online	16	88%
Spring 2018	16	88%
Full term	16	88%
1201 - Automotive Service Tech at ATC	143	82%
AER0014C	17	94%
Online	17	94%
Fall 2017	17	94%
DYN	17	94%

Program, Courses, IM, & Session/Sub-session	# Enrolled Students	Success Rate
1201 - Automotive Service Tech at ATC	143	82%
AER0110C	14	86%
Online	14	86%
Fall 2017	14	86%
DYN	14	86%
AER0172C	19	74%
Online	19	74%
Fall 2017	19	74%
DYN	19	74%
AER0257C	18	67%
Online	18	67%
Spring 2018	18	67%
DYN	18	67%
AER0274C	15	87%
Online	15	87%
Spring 2018	15	87%
DYN	15	87%
AER0360C	18	78%
Online	18	78%
Spring 2018	18	78%
DYN	18	78%
AER0418C	15	93%
Online	15	93%
Fall 2017	15	93%
DYN	15	93%
AER0453C	12	100%
Online	12	100%
Fall 2017	12	100%
DYN	12	100%
AER0503C	15	67%
Online	15	67%
Spring 2018	15	67%
DYN	15	67%

Course Success Rates by Modality and Session/Sub-session (4 of 4)

Program, Courses, IM, & Session/Sub-session	# Enrolled Students	Success Rate
1202 - Machining at ATC	185	83%
PMT0211C	34	79%
Lecture	34	79%
Fall 2017	34	79%
FA7	34	79%
PMT0215C	34	68%
Lecture	34	68%
Fall 2017	34	68%
FB7	34	68%
PMT0251C	28	82%
Lecture	28	82%
Fall 2017	17	71%
FA7	17	71%
Spring 2018	11	100%
SA7	11	100%
PMT0255C	26	85%
Lecture	26	85%
Fall 2017	15	73%
FB7	15	73%
Spring 2018	11	100%
SB7	11	100%
PMT0260C	18	100%
Lecture	18	100%
Spring 2018	18	100%
SA7	18	100%
PMT0265C	17	88%
Lecture	17	88%
Spring 2018	17	88%
SB7	17	88%
PMT0720C	13	92%
Lecture	13	92%
Spring 2018	13	92%
SB7	13	92%
TDR0304C	15	93%
Lecture	15	93%
Spring 2018	15	93%
SA7	15	93%

Program, Courses, IM, & Session/Sub-session	# Enrolled Students	Success Rate
1209 - Building Trades and Construction Tech	36	81%
BCV0080L	15	93%
Lecture	15	93%
Fall 2017	14	93%
Full term	14	93%
Spring 2018	1	100%
Full term	1	100%
BCV0081L	7	71%
Lecture	7	71%
Spring 2018	7	71%
DYN	7	71%
BCV0082L	7	71%
Lecture	7	71%
Spring 2018	7	71%
DYN	7	71%
BCV0084L	7	71%
Lecture	7	71%
Spring 2018	7	71%
DYN	7	71%
Grand Total	1100	87%

Course Success Rates by Race/Ethnicity (1 of 4)

Program, Courses, & Race/Ethnicity	# Enrolled Students	Success Rate
1011 - A/C, Refrigeration & Heating Tech at the ATC	399	86%
ACR0001C	39	87%
Am. Ind	1	100%
Asian	1	0%
Black	4	75%
Hispanic	6	100%
Two or More Races	1	100%
White	26	88%
ACR0002C	36	89%
Am. Ind	1	100%
Black	4	75%
Hispanic	6	100%
Two or More Races	1	100%
White	24	88%
ACR0061C	28	96%
Black	3	67%
Hawaii/Pac	2	100%
Hispanic	3	100%
Two or More Races	1	100%
White	19	100%
ACR0062C	29	90%
Asian	1	100%
Black	3	67%
Hawaii/Pac	2	100%
Hispanic	4	75%
Two or More Races	1	0%
White	18	100%
ACR0100C	43	79%
Am. Ind	1	100%
Black	6	67%
Hispanic	8	75%
Two or More Races	1	0%
White	27	85%

Program, Courses, & Race/Ethnicity	# Enrolled Students	Success Rate
1011 - A/C, Refrigeration & Heating Tech at the ATC	399	86%
ACR0102C	36	92%
Am. Ind	1	100%
Black	4	75%
Hispanic	6	100%
Two or More Races	1	100%
White	24	92%
ACR0150C	24	71%
Black	3	67%
Hispanic	6	83%
Two or More Races	1	100%
White	14	64%
ACR0205C	27	85%
Black	3	33%
Hawaii/Pac	2	100%
Hispanic	3	67%
Two or More Races	1	100%
White	18	94%
ACR0506C	21	95%
Black	2	100%
Hispanic	5	100%
Two or More Races	1	100%
White	13	92%
ACR0600C	17	94%
Hawaii/Pac	2	100%
Hispanic	3	67%
White	12	100%
ACR0601C	17	94%
Hawaii/Pac	2	100%
Hispanic	3	67%
White	12	100%

Course Success Rates by Race/Ethnicity (2 of 4)

Program, Courses, & Race/Ethnicity	# Enrolled Students	Success Rate
1011 - A/C, Refrigeration & Heating Tech at the ATC	399	86%
ACR0741C	26	54%
Black	4	50%
Hawaii/Pac	1	0%
Hispanic	6	67%
Two or More Races	1	0%
White	14	57%
ACR0742C	16	100%
Hawaii/Pac	1	100%
Hispanic	3	100%
White	12	100%
ACR0815C	17	94%
Hawaii/Pac	2	100%
Hispanic	3	67%
White	12	100%
ACR0850C	23	87%
Black	4	50%
Hispanic	5	100%
Two or More Races	1	100%
White	13	92%
1033 - Welding Tech at DAYT	194	93%
PMT0106C	26	96%
Hispanic	5	100%
White	21	95%
PMT0109C	25	100%
Hispanic	5	100%
White	20	100%
PMT0121C	25	92%
Hispanic	5	100%
White	20	90%
PMT0131C	21	90%
Hispanic	5	100%
White	16	88%

Program, Courses, & Race/Ethnicity	# Enrolled Students	Success Rate
1033 - Welding Tech at DAYT	194	93%
PMT0134C	22	95%
Hispanic	5	100%
White	17	94%
PMT0154C	25	88%
Hispanic	5	100%
White	20	85%
PMT0161C	22	86%
Hispanic	5	100%
White	17	82%
PMT0171C	19	89%
Hispanic	5	100%
White	14	86%
PMT0290	9	100%
Hispanic	5	100%
White	4	100%
1097 - Automotive Collision Repair & Refinishing at ATC	124	97%
ARR0121C	12	100%
Black	1	100%
Hispanic	7	100%
Two or More Races	1	100%
White	3	100%
ARR0122C	16	94%
Black	4	100%
Hispanic	6	83%
Two or More Races	1	100%
White	5	100%
ARR0123C	13	100%
Black	1	100%
Hispanic	8	100%
White	4	100%

Course Success Rates by Race/Ethnicity (3 of 4)

Program, Courses, & Race/Ethnicity	# Enrolled Students	Success Rate
1097 - Automotive Collision Repair & Refinishing at ATC	124	97%
ARR0241C	13	100%
Black	2	100%
Hispanic	7	100%
Two or More Races	1	100%
White	3	100%
ARR0242C	16	94%
Black	4	100%
Hispanic	6	83%
Two or More Races	1	100%
White	5	100%
ARR0243C	13	100%
Black	1	100%
Hispanic	8	100%
White	4	100%
ARR0244C	13	100%
Black	1	100%
Hispanic	8	100%
White	4	100%
ARR0381C	12	100%
Black	1	100%
Hispanic	7	100%
Two or More Races	1	100%
White	3	100%
ARR0382C	16	88%
Black	4	100%
Hispanic	6	83%
Two or More Races	1	100%
White	5	80%
1201 - Automotive Service Tech at ATC	140	81%
AER0014C	16	94%
Asian	1	100%
Hispanic	4	75%
Two or More Races	1	100%
White	10	100%

Program, Courses, & Race/Ethnicity	# Enrolled Students	Success Rate
1201 - Automotive Service Tech at ATC	140	81%
AER0110C	14	86%
Black	3	67%
Hispanic	1	0%
Two or More Races	1	100%
White	9	100%
AER0172C	19	74%
Black	3	67%
Hispanic	2	50%
Two or More Races	1	100%
White	13	77%
AER0257C	18	67%
Black	3	67%
Two or More Races	3	100%
White	12	58%
AER0274C	14	86%
Asian	1	100%
Black	2	50%
Hispanic	2	50%
Two or More Races	1	100%
White	8	100%
AER0360C	18	78%
Black	3	67%
Two or More Races	3	100%
White	12	75%
AER0418C	15	93%
Asian	1	100%
Hispanic	3	67%
Two or More Races	1	100%
White	10	100%
AER0453C	12	100%
Black	2	100%
Two or More Races	1	100%
White	9	100%

Course Success Rates by Race/Ethnicity (4 of 4)

Program, Courses, & Race/Ethnicity	# Enrolled Students	Success Rate
1201 - Automotive Service Tech at ATC	140	81%
AER0503C	14	64%
Asian	1	100%
Black	1	0%
Hispanic	2	50%
Two or More Races	1	100%
White	9	67%
1202 - Machining at ATC	183	84%
PMT0211C	34	79%
Black	2	100%
Hispanic	8	100%
White	24	71%
PMT0215C	34	68%
Black	2	100%
Hispanic	9	67%
White	23	65%
PMT0251C	27	81%
Black	3	67%
Hispanic	8	100%
White	16	75%
PMT0255C	25	88%
Black	3	67%
Hispanic	8	100%
White	14	86%
PMT0260C	18	100%
Hispanic	7	100%
White	11	100%
PMT0265C	17	88%
Hispanic	6	100%
White	11	82%
PMT0720C	13	92%
Hispanic	6	100%
White	7	86%

Program, Courses, & Race/Ethnicity	# Enrolled Students	Success Rate
1202 - Machining at ATC	183	84%
TDR0304C	15	93%
Hispanic	5	100%
White	10	90%
1209 - Building Trades and Construction Tech	36	81%
BCV0080L	15	93%
Black	2	100%
Hispanic	3	100%
Two or More Races	1	0%
White	9	100%
BCV0081L	7	71%
Hispanic	2	100%
Two or More Races	1	0%
White	4	75%
BCV0082L	7	71%
Hispanic	2	100%
Two or More Races	1	0%
White	4	75%
BCV0084L	7	71%
Hispanic	2	100%
Two or More Races	1	0%
White	4	75%
Grand Total	1076	87%

Grade Distribution (1 of 4)

Major and Associated Courses			2017-2018							
			A	B	C	D	F	FN	W	W1
A/C, Refrigeration & Heating Tech	Summer 2017	ACR0600C	6	5	1	0	0	1	0	0
		Summer 2017 total	6(46.2%)	5(38.5%)	1(7.7%)	0(0%)	0(0%)	1(7.7%)	0(0%)	0(0%)
	Fall 2017	ACR0061C	9	11	7	1	0	0	0	0
		ACR0062C	11	12	3	3	0	0	0	0
		ACR0150C	3	4	3	5	0	0	0	0
		ACR0205C	6	11	6	3	1	0	0	0
		ACR0506C	18	2	0	0	0	1	0	0
		ACR0741C	2	4	3	5	2	1	0	0
		ACR0815C	16	0	0	0	0	1	0	0
		ACR0850C	17	3	0	1	2	0	0	0
		Fall 2017 Total	82(46.3%)	47(26.6%)	22(12.4%)	18(10.2%)	5(2.8%)	3(1.7%)	0(0%)	0(0%)
	Spring 2018	ACR0001C	22	11	4	2	0	0	1	2
		ACR0002C	24	7	3	3	0	1	0	0
		ACR0100C	23	10	4	2	3	4	0	0
		ACR0102C	22	10	3	3	0	0	0	1
		ACR0150C	2	4	1	2	0	0	0	0
		ACR0600C	4	0	0	0	0	0	0	0
		ACR0601C	10	3	3	0	1	0	0	0
		ACR0741C	1	3	1	3	1	0	0	0
		ACR0742C	14	2	0	0	0	0	0	0
		Spring 2018 Total	122(55.5%)	50(22.7%)	19(8.6%)	15(6.8%)	5(2.3%)	5(2.3%)	1(0.5%)	3(1.4%)

Grade Distribution (2 of 4)

Major and Associated Courses			2017-2018							
			A	B	C	D	F	FN	W	W1
1033 - Welding Technology	Fall 2017	PMT0106C	0	13	1	1	0	0	0	0
		PMT0161C	9	10	1	0	0	0	1	2
		PMT0171C	12	6	0	1	0	1	0	0
		PMT0290	7	0	0	0	0	0	0	0
		Fall 2017 Total	28(43.1%)	29(44.6%)	2(3.1%)	2(3.1%)	0(0%)	1(1.5%)	1(1.5%)	2(3.1%)
	Spring 2018	PMT0106C	1	10	1	0	0	0	0	0
		PMT0109C	7	19	0	0	0	0	0	0
		PMT0121C	5	15	4	0	1	1	0	0
		PMT0131C	6	9	5	0	0	1	1	0
		PMT0134C	9	9	4	0	0	1	0	0
		PMT0154C	8	11	4	1	0	2	0	0
		PMT0290	1	1	0	0	0	0	0	0
		Spring 2018 Total	37(27.4%)	74(54.8%)	18(13.3%)	1(0.7%)	1(0.7%)	5(3.7%)	1(0.7%)	0(0%)
1097- Automotive Collision Repair & Refinishing	Summer 2016	ARR0121C	8	4	0	0	0	0	0	0
		ARR0122C	10	4	1	1	0	0	0	0
		ARR0123C	5	2	6	0	0	0	0	0
		ARR0241C	6	7	0	0	0	0	0	0
		Summer 2017 Total	29(54.5%)	17(31.5%)	7(13%)	1(1.9%)	0(0%)	0(0%)	0(0%)	0(0%)

Source: IR Program Assessment Data

Grade Distribution (3 of 4)

Major and Associated Courses			2017-2018							
			A	B	C	D	F	FN	W	W1
1097-Automotive Collision Repair & Refinishing	Fall 2016	ARR0242C	6	6	3	1	0	0	0	0
		ARR0243C	4	3	6	0	0	0	0	0
		ARR0244C	6	1	6	0	0	0	0	0
		ARR0382C	7	6	1	2	0	0	0	0
		Fall 2017 Total	23(39.7%)	16(27.6%)	16(27.6%)	3(5.2%)	0(0%)	0(0%)	0(0%)	0(0%)
	Spring 2017	ARR0381C	5	6	1	0	0	0	0	0
		Spring 2018 Total	5(41.7%)	6(50%)	1(8.3%)	0(0%)	0(0%)	0(0%)	0(0%)	0(0%)
1201 - Automotive Service Tech	Summer 2017	AER0274C	4	5	4	0	2	0	0	0
		AER0360C	1	6	7	3	0	0	0	1
		AER0418C	3	4	7	0	0	1	0	0
		AER0503C	2	4	4	2	1	1	0	1
		Summer 2017 Total	10(15.9%)	19(30.2%)	22(34.9%)	5(7.9%)	3(4.8%)	2(3.2%)	0(0%)	2(3.2%)
	Fall 2017	AER0014C	5	7	4	0	1	0	0	0
		AER0110C	3	6	3	0	1	1	0	0
		AER0172C	5	7	2	0	1	4	0	0
		AER0257C	2	6	4	3	0	3	0	0
		Fall 2017 Total	15(22.1%)	26(38.2%)	13(19.1%)	3(4.4%)	3(4.4%)	8(11.8%)	0(0%)	0(0%)
	Spring 2018	AER0453C	3	6	3	0	0	0	0	0
		Spring 2018 Total	3(25%)	6(50%)	3(25%)	0(0%)	0(0%)	0(0%)	0(0%)	0(0%)

Source: IR Program Assessment Data

Grade Distribution (4 of 4)

Major and Associated Courses			2017-2018							
			A	B	C	D	F	FN	W	W1
1202 - Machining	Fall 2017	PMT0255C	6	2	3	0	0	0	0	0
		PMT0260C	14	3	1	0	0	0	0	0
		Fall 2017 Total	20(69%)	5(17.2%)	4(13.8%)	0(0%)	0(0%)	0(0%)	0(0%)	0(0%)
	Spring 2018	PMT0211C	9	9	9	1	0	6	0	0
		PMT0215C	9	9	5	2	1	1	0	7
		PMT0251C	12	8	3	0	2	3	0	0
		PMT0255C	7	4	0	0	1	0	0	3
		PMT0265C	13	1	1	0	1	0	0	1
		PMT0720C	7	4	1	0	0	0	0	1
		TDR0304C	9	4	1	0	1	0	0	0
		Spring 2018 Total	66(42.3%)	39(25%)	20(12.8%)	3(1.9%)	6(3.8%)	10(6.4%)	0(0%)	12(7.7%)
1209 - Building Trades and Construction Tech	Fall 2017	BCV0080L	7	4	3	0	0	0	1	0
		BCV0081L	3	1	1	0	2	0	0	0
		BCV0082L	3	2	0	0	0	2	0	0
		BCV0084L	3	2	0	0	0	2	0	0
		Fall 2017 Total	16(44.4%)	9(25%)	4(11.1%)	0(0%)	2(5.6%)	4(11.1%)	1(2.8%)	0(0%)

Average Class Size by Course (1 of 3)

Major and Associated Courses			2014-2015		2015-2016		2016-2017		2017-2018	
			# Sections	Avg. Size	# Sections	Avg. Size	# Sections	Avg. Size	# Sections	Avg. Size
1011- A/C, Refrigeration & Heating Tech ATC	ACR0001C	Lecture	2	20	2	20	2	20	2	21
	ACR0002C	Lecture	2	18	2	18	2	18	2	19
	ACR0061C	Lecture	2	17	2	14	2	15	2	14
	ACR0062C	Lecture	2	18	2	13	2	15	2	15
	ACR0100C	Lecture	2	20	2	21	2	21	2	23
	ACR0102C	Lecture	2	19	2	20	2	20	2	20
	ACR0150C	Lecture	2	16	2	13	2	16	2	12
	ACR0205C	Lecture	2	17	2	14	2	16	2	14
	ACR0506C	Lecture	2	15	2	13	2	16	2	11
	ACR0600C	Lecture	2	11	2	9	2	13	2	9
	ACR0601C	Lecture	2	12	2	10	2	13	2	9
	ACR0741C	Lecture	2	16	2	14	2	16	2	13
	ACR0742C	Lecture	2	12	2	9	2	14	2	8
	ACR0815C	Lecture	2	12	2	9	2	12	2	9
	ACR0850C	Lecture	2	16	2	13	2	17	2	12
		Major	30	16	30	14	30	16	30	14
1033- Welding Technology Daytona	PMT0106C	Lecture	2	17	1	19	1	19	2	14
	PMT0109C	Lecture	2	11	1	18	1	19	2	13
	PMT0121C	Lecture	1	18	1	22	1	19	2	13
	PMT0131C	Lecture	1	10	1	15	2	14	2	11
	PMT0134C	Lecture	1	8	2	12	1	14	2	12
	PMT0154C	Lecture	1	18	1	21	1	19	2	13
	PMT0161C	Lecture	1	8	2	12	1	15	2	12
	PMT0171C	Lecture	1	9	1	15	2	13	2	10
	PMT0290	Lecture					3	5	5	2
		Major	10	13	10	16	13	13	21	10

Discontinued programs and courses are not included.
To prevent data from skewing, excludes OJT, clinicals, private/performance, open lab, co-op, DIS, field trips and internships.

Source: IR Program Assessment Data

Average Class Size by Course (2 of 3)

Major and Associated Courses		2014-2015		2015-2016		2016-2017		2017-2018	
		# Sections	Avg. Size	# Sections	Avg. Size	# Sections	Avg. Size	# Sections	Avg. Size
1097- Automotive Collision Repair & Refinishing	ARR0121C Online			1	8	1	16	1	12
	ARR0122C Online			1	14	1	15	1	16
	ARR0123C Online					1	11	1	13
	ARR0241C Online			1	8	1	16	1	13
	ARR0242C Online			1	14	1	15	1	16
	ARR0243C Online					1	11	1	13
	ARR0244C Online					1	11	1	13
	ARR0249 Online					1	3		
	ARR0381C Online			1	7	1	16	1	12
	ARR0382C Online			1	13	1	15	1	16
	Major			6	11	10	13	9	14
1201 - Automotive Service Technology	AER0014C Online	1	21	1	21	1	22	1	17
	AER0110C Online	1	20	1	21	1	22	1	14
	AER0172C Online	1	23	1	20	1	21	1	19
	AER0257C Online	1	21	1	23	1	21	1	18
	AER0274C Online	1	23	1	24	1	24	1	15
	AER0360C Online	1	25	1	24	1	19	1	18
	AER0418C Online	1	23	1	21	1	20	1	15
	AER0453C Online	1	18	1	20	1	21	1	12
	AER0503C Online	1	23	1	23	1	25	1	15
	Major	9	22	9	22	9	22	9	16

Discontinued programs and courses are not included.
To prevent data from skewing, excludes OJT, clinicals, private/performance, open lab, co-op, DIS, field trips and internships.

Source: IR Program Assessment Data

Average Class Size by Course (3 of 3)

Major and Associated Courses (All courses offered in ONLY 1 IM and on ONLY 1 Campus)			2014-2015		2015-2016		2016-2017		2017-2018	
			# Sections	Avg. Size	# Sections	Avg. Size	# Sections	Avg. Size	# Sections	Avg. Size
1202-Machining ATC	PMT0211C	Lecture	2	16	1	14	2	12	2	17
	PMT0215C	Lecture	2	14	1	11	2	10	2	17
	PMT0251C	Lecture	1	19	2	18	2	10	2	14
	PMT0255C	Lecture	1	18	1	15	3	10	2	13
	PMT0260C	Lecture	1	20	1	17	2	13	1	18
	PMT0265C	Lecture	1	19	1	16	2	12	1	17
	TDR0304C	Lecture	2	9	1	10	2	11	1	13
	PMT0720	Lecture			1	21	2	9	1	15
		Major	10	15	9	15	17	11	12	15
1209-Building Trades and Construction Tech	BCV0080L	Lecture					1	15	3	5
	BCV0081L	Lab					1	5		
		Lecture					1	8	1	7
	BCV0082L	Lecture					2	7	1	7
	BCV0084L	Lecture					2	7	1	7
		Major					7	8	6	6
DSC		Hybrid		22		21		23		22
		Lecture		22		22		21		21
		Online		29		30		30		29

Discontinued programs and courses are not included.
To prevent data from skewing, excludes OJT, clinicals, private/performance, open lab, co-op, DIS, field trips and internships.

Graduation Rates

Major	First Fall Term in Major		Graduation			
	Fall Term	# Students	Graduated within 150% Time	Graduation Rate	Graduated within 200% Time	Graduation Rate
1011- A/C Refrig and Heat Mech	FA15	12	9	75.0%	10	83.3%
	FA16 – 200% In Progress	18	7	38.9%	9	50.0%
	FA17 – In progress	12	4	33.3%	4	33.3%
1033- Welding Tech- Applied	FA15	15	6	40.0%	6	40.0%
	FA16 – 200% In Progress	18	13	72.2%	13	72.2%
	FA17 – In progress	25	11	44.0%	11	44.0%
1054- A/C Refrig and Heat Tech	FA15	18	8	44.4%	8	44.4%
	FA16 – 200% In Progress	18	9	50.0%	9	50.0%
	FA17 – In progress	12	2	16.7%	2	16.7%
1097- Auto Collis Repair & Ref	FA15	7	3	42.9%	3	42.9%
	FA16 – 200% In Progress	10	6	60.0%	6	60.0%
	FA17 – In progress	9	5	55.6%	5	55.6%
1201- Automotive Service Tech	FA15	21	0	0.0%	12	57.1%
	FA16 – 200% In Progress	20	0	0.0%	4	20.0%
	FA17 – In progress	12	1	8.3%	1	8.3%
1202- Machining	FA15	11	3	27.3%	5	45.5%
	FA16 – 200% In Progress	22	8	36.4%	9	40.9%
	FA17 – In progress	9	2	22.2%	2	22.2%
1209 – Building Trades and Construction Tech	FA16 – 200% In Progress	17	3	17.6%	3	17.6%
	FA17 – In progress	5	3	60.0%	3	60.0%

College average (150%- 58.3%, 200%- 66.1%)
Fall terms include prior Summer term enrollment in major.
200% Graduation Rate includes graduates in 150% Graduation Rate.

Source: IR Program Assessment Data

Graduation Rates by Race/Ethnicity (1 of 2)

Major	Fall Term	Race/Ethnicity	# Students	Graduation			
				Graduated within 150% Time	Graduation Rate	Graduated within 200% Time	Graduation Rate
1011- A/C Refrig and Heat Mech	FA15	Asian	2	1	50.0%	2	100.0%
		Black	2	1	50.0%	1	50.0%
		Hispanic	2	2	100.0%	2	100.0%
		White	6	5	83.3%	5	83.3%
	FA16 – 200% In Progress	Black	3	1	33.3%	1	33.3%
		Hawaii/Pac	2	1	50.0%	1	50.0%
		Hispanic	2	1	50.0%	1	50.0%
		White	11	4	36.4%	6	54.5%
	FA17 – In progress	Hispanic	2	0	0.0%	0	0.0%
		White	10	4	40.0%	4	40.0%
1033- Welding Tech-Applied	FA15	White	15	6	40.0%	6	40.0%
	FA16 – 200% In Progress	Black	2	1	50.0%	1	50.0%
		White	15	12	80.0%	12	80.0%
	FA17 – In progress	Hispanic	5	4	80.0%	4	80.0%
		White	18	6	33.3%	6	33.3%
1054- A/C Refrig and Heat Tech	FA15	Black	2	0	0.0%	0	0.0%
		Hawaii/Pac	1	1	100.0%	1	100.0%
		Hispanic	2	2	100.0%	2	100.0%
		White	13	5	38.5%	5	38.5%
	FA16 – 200% In Progress	Black	2	1	50.0%	1	50.0%
		Hispanic	1	1	100.0%	1	100.0%
		White	14	7	50.0%	7	50.0%
	FA17 – In progress	Black	2	0	0.0%	0	0.0%
		Hispanic	3	1	33.3%	1	33.3%
		White	7	1	14.3%	1	14.3%

Source: IR Program Assessment Data

Major	Fall Term	Race/Ethnicity	# Students	Graduation			
				Graduated within 150% Time	Graduation Rate	Graduated within 200% Time	Graduation Rate
1097- Auto Collis Repair & Ref	FA15	Black	1	1	100.0%	1	100.0%
		Hispanic	1	0	0.0%	0	0.0%
		Two or More Races	1	0	0.0%	0	0.0%
		White	4	2	50.0%	2	50.0%
	FA16 – 200% In Progress	Black	4	1	25.0%	1	25.0%
		Hispanic	3	2	66.7%	2	66.7%
		White	3	3	100.0%	3	100.0%
	FA17 – In progress	Black	1	0	0.0%	0	0.0%
		Hispanic	4	3	75.0%	3	75.0%
		Two or More Races	1	1	100.0%	1	100.0%
		White	3	1	33.3%	1	33.3%
1201- Automotive Service Tech	FA15	Black	5	0	0.0%	3	60.0%
		Hispanic	5	0	0.0%	2	40.0%
		White	11	0	0.0%	7	63.6%
	FA16 – 200% In Progress	Black	2	0	0.0%	1	50.0%
		Hispanic	5	0	0.0%	0	0.0%
		Two or More Races	2	0	0.0%	0	0.0%
		White	11	0	0.0%	3	27.3%
	FA17 – In progress	Black	1	0	0.0%	0	0.0%
		Hispanic	2	0	0.0%	0	0.0%
		Two or More Races	1	0	0.0%	0	0.0%
		White	8	1	12.5%	1	12.5%
1202- Machining	FA15	Hispanic	3	1	33.3%	2	66.7%
		Two or More Races	1	0	0.0%	0	0.0%
		White	7	2	28.6%	3	42.9%
	FA16 – 200% In Progress	Black	1	1	100.0%	1	100.0%
		Hispanic	2	1	50.0%	1	50.0%
		White	17	6	35.3%	7	41.2%
	FA17 – In progress	Black	1	0	0.0%	0	0.0%
		Hispanic	5	2	40.0%	2	40.0%
		White	3	0	0.0%	0	0.0%
1209 – Building Trades and Construction Tech	FA16 – 200% In Progress	Black	13	2	15.4%	2	15.4%
		Two or More Races	1	0	0.0%	0	0.0%
		White	3	1	33.3%	1	33.3%
	FA17 – In progress	Hispanic	2	1	50.0%	1	50.0%
		Two or More Races	1	0	0.0%	0	0.0%
		White	2	2	100.0%	2	100.0%

Persistence Rates

Program	Term	Registered	Exclusions	Adjusted Cohort	Retained by DSC		Retained by Program		Retained by College
					N	%	N	%	%
1011- A/C REFRIG AND HEAT TECH	FA16 to SP17	21	4	17	1	6%	9	53%	59%
	FA17 to SP18	19	8	11	0	0%	9	82%	82%
1033- WELDING TECH-APPLIED	FA16 to SP17	25	3	22	1	5%	16	73%	77%
	FA17 to SP18	27	0	27	0	0%	21	78%	78%
1054- A/C REFRIG AND HEAT MECH	FA16 to SP17	31	9	25	0	0%	16	64%	64%
	FA17 to SP18	24	11	22	0	0%	11	50%	50%
1097- AUTO COLLIS REPAIR & REF	FA16 to SP17	16	3	14	1	7%	10	71%	79%
	FA17 to SP18	12	3	12	0	0%	9	75%	75%
1201- AUTOMOTIVE SERV TECH	FA16 to SP17	45	10	45	0	0%	35	78%	78%
	FA17 to SP18	37	13	34	2	6%	19	56%	62%
1202- MACHINING	FA16 to SP17	31	8	30	2	7%	20	67%	73%
	FA17 to SP18	22	5	20	1	5%	14	70%	75%
1209 – BUILDING TRADES & CONSTRUCTION TECH	FA16 to SP17	20	9	17	2	12%	6	35%	47%
	FA17 to SP18	7	1	7	0	0%	6	86%	86%

College average Retention (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.

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

Persistence Rates by Race/Ethnicity (1 of 2)

Major	Term	Race/Ethnicity	Registered	Exclusions	Adjusted Cohort	Retained by Program #	%
1011- A/C REF2RIG AND HEAT TEC2H	FA16 to SP17	Asian	2	1	1	1	100%
		Black	2	0	2*	1	50%
		Hawaii/Pac	2	0	2	2	100%
		Hispanic	2	1	1	0	0%
		White	13	2	11	5	45%
	FA17 to SP18	Hawaii/Pac	2	1	1	1	100%
		Hispanic	3	0	3	3	100%
		White	14	7	7	5	71%
1033- WELDING 2TECH-APPLIED	FA16 to SP17	Black	1	0	1	1	100%
		White	23	3	20*	14	70%
	FA17 to SP18	Hispanic	5	0	5	5	100%
		White	20	0	20	15	75%
1054- A/C REFRIG AND HEAT MECH	FA16 to SP17	Black	3	1	2	1	50%
		Hawaii/Pac	2	1	1	1	100%
		Hispanic	1	0	1	1	100%
		White	23	3	20	13	65%
	FA17 to SP18	Black	4	0	4	3	75%
		Hispanic	6	0	6	2	33%
		Two or More Races	1	0	1	0	0%
		White	13	2	11	6	55%

*one student 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

Persistence Rates by Race/Ethnicity (2 of 2)

Major	Term	Race/Ethnicity	Registered	Exclusions	Adjusted Cohort	Retained by Program #	%
1097- AUTO COLLIS REPAIR & REF AND HEAT TEC2H	FA16 to SP17	Black	4	0	4	3	75%
		Hispanic	5	0	5	4	80%
		White	7	2	5*	3	60%
	FA17 to SP18	Black	1	0	1	1	100%
		Hispanic	7	0	7	4	57%
		Two or More Races	1	0	1	1	100%
		White	3	0	3	3	100%
1201- AUTOMOTIVE SERV TECH	FA16 to SP17	Black	7	0	7	5	71%
		Hispanic	10	0	10	7	70%
		Two or More Races	1	0	1	1	100%
		White	27	0	27	22	81%
	FA17 to SP18	Asian	1	0	1	1	100%
		Black	3	0	3	2	67%
		Hispanic	7	1	6**	1	17%
		Two or More Races	2	0	2	2	100%
		White	23	2	21	13	62%
1202- MACHINING	FA16 to SP17	Black	1	0	1	1	100%
		Hispanic	4	1	3	3	100%
		White	25	0	25**	15	60%
	FA17 to SP18	Black	1	0	1*	0	0%
		Hispanic	6	0	6	6	100%
		White	15	2	13	8	62%
1209 – BUILDING TRADES/ CONSTRUCTION TECH	FA16 to SP17	Black	13	0	13*	5	38%
		Two or More Races	1	0	1	1	100%
		White	6	3	3*	0	0%
	FA17 to SP18	Hispanic	2	0	2	2	100%
		Two or More Races	1	0	1	1	100%
		White	4	0	4	3	75%

*one student retained by DSC, **two students retained by the 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
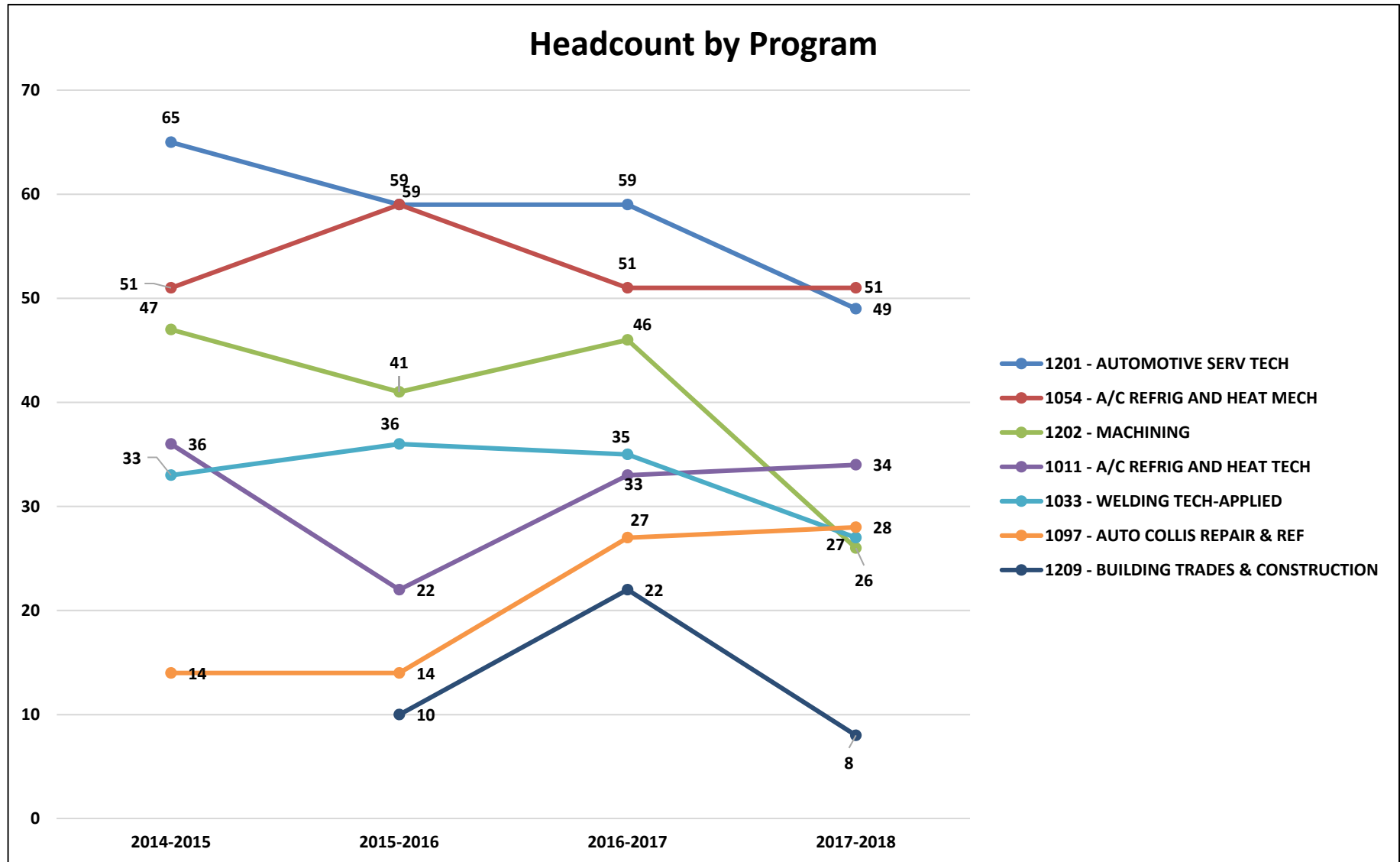
Placement Rates
(College average: 95.5%)

Program Title	Major(s)	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%	
Air Conditioning, Refrigeration, and Heating Technology	1011, 1054	71%	64%	33%	46%	75%	49%	N/A	54%	85%	59%	***%	64%	$33,376
Automotive Collision Repair and Refinishing	1097	50%	63%	75%	58%	75%	54%	100%	81%	100%	76%	33%	79%	$**,***
Automotive Service Technology	1201	N/A	N/A	67%	71%	75%	66%	100%	85%	***%	83%	83%	80%	$**,***
Machining	1202	N/A	N/A	100%	100%	71%	64%	100%	100%	77%	77%	100%	100%	$**,***
Welding Technology - Applied	1033	46%	61%	56%	52%	33%	55%	67%	66%	***%	68%	93%	68%	$41,180

Source: Florida Education Training Placement Information Program (FETPIP)

N/A - No placement data for the program.
(****), ($**,***), or (***%) - Number of graduates less than 10 but greater than 0 suppressed.

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

Headcount by Program

	2014-2015	2015-2016	2016-2017	2017-2018
1201 - AUTOMOTIVE SERV TECH	65	59	59	49
1054 - A/C REFRIG AND HEAT MECH	51	59	51	51
1202 - MACHINING	47	41	46	26
1011 - A/C REFRIG AND HEAT TECH	36	22	33	34
1033 - WELDING TECH-APPLIED	33	36	35	27
1097 - AUTO COLLIS REPAIR & REF	14	14	27	28
1209 - BUILDING TRADES & CONSTRUCTION		10	22	8

Students are duplicated across programs, unduplicated in the total.

College Enrollment Decreased: 0.7%(14/15); 1.15% (15/16); 3.7%(16/17); 0.7%(17/18)

Source: IR Program Assessment Data

Graduates in Major

Source: IR Program Assessment Data

Average Age by Program

Legend:
- 2014-2015
- 2015-2016
- 2016-2017
- 2017-2018

Program	2014-2015	2015-2016	2016-2017	2017-2018
1011 - A/C REFRIG AND HEAT TECH	35.8	31	31	33
1033 - WELDING TECH-APPLIED	27.3	30	34	33
1054 - A/C REFRIG AND HEAT MECH	35.9	30	32	31
1097 - AUTO COLLIS REPAIR & REF	28	24	25	25
1201 - AUTOMOTIVE SERV TECH	26.0	27	26	28
1202 - MACHINING	30.5	31	32	29
1209 - BUILDING TRADES & CONSTRUCTION		34	35	36

Calculation excludes individuals whose birthdates are not reported.

Major	2014-2015	2015-2016	2016-2017	2017-2018
All Programs	28.3	26	31	30.2
Daytona State College	26.4	26	27	27.2

Source: IR Program Assessment Data

Gender by Program

Legend:
- 1011 - A/C REFRIG AND HEAT TECH
- 1033 - WELDING TECH-APPLIED
- 1054 - A/C REFRIG AND HEAT MECH
- 1097 - AUTO COLLIS REPAIR & REF
- 1201 - AUTOMOTIVE SERV TECH
- 1202 - MACHINING
- 1209 - BUILDING TRADES & CONSTRUCTION
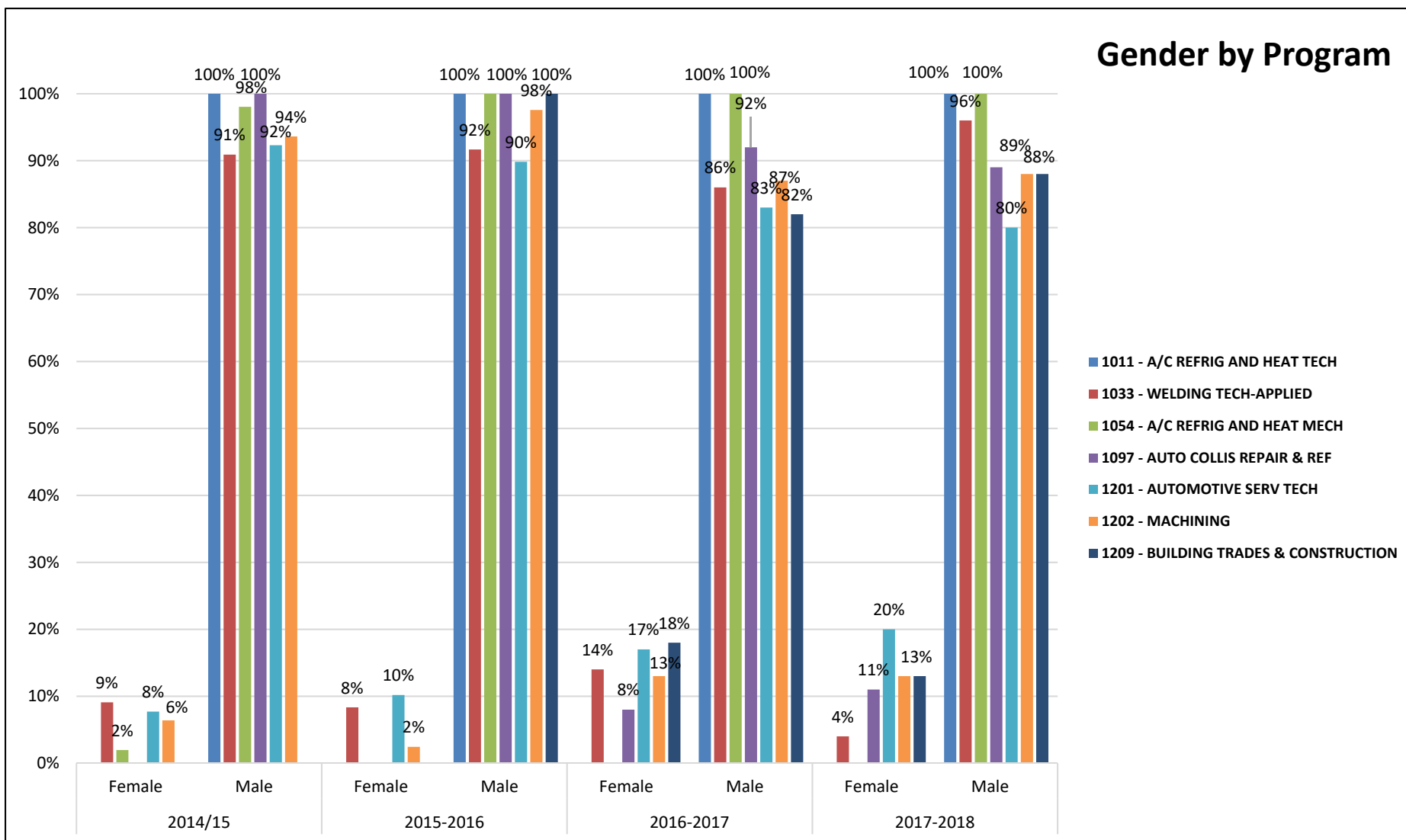
Major	2014-2015		2015-2016		2016-2017		2017-2018	
	Female	Male	Female	Male	Female	Male	Female	Male
Daytona State College	60%	40%	60%	40%	60%	40%	58%	39%

Source: IR Program Assessment Data

Race / Ethnicity
Air Conditioning, Refrigeration, and Heating Tech #101100
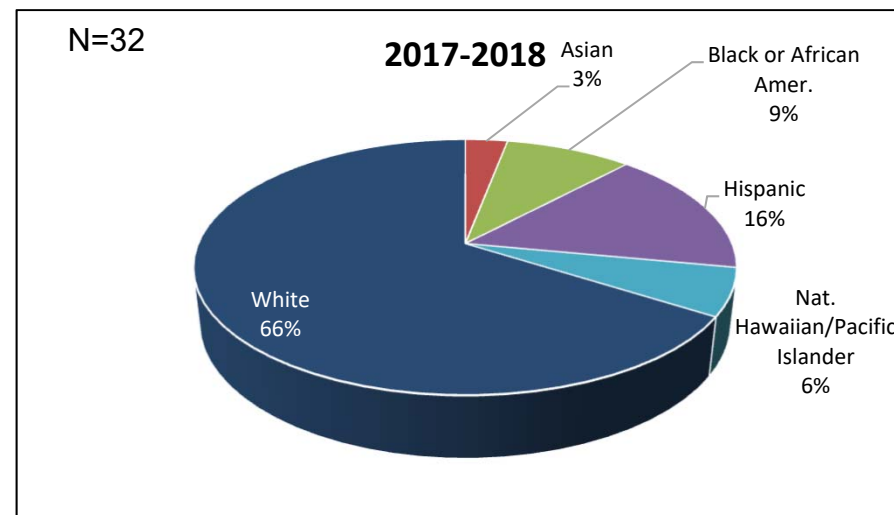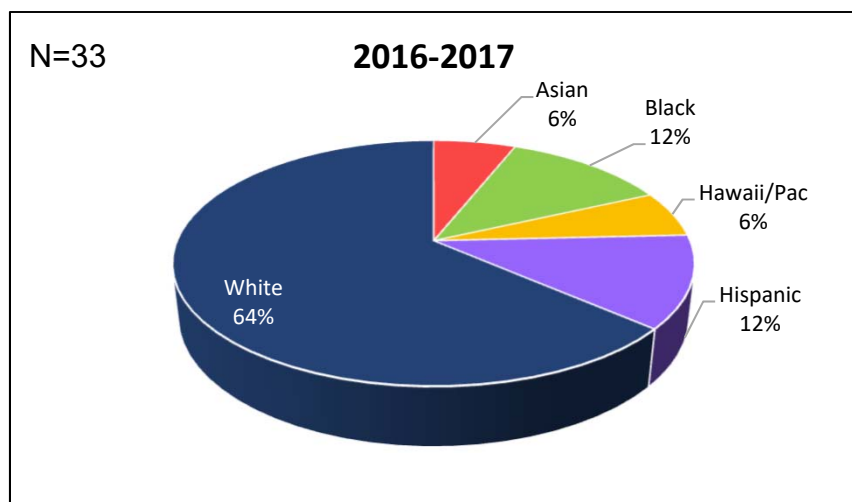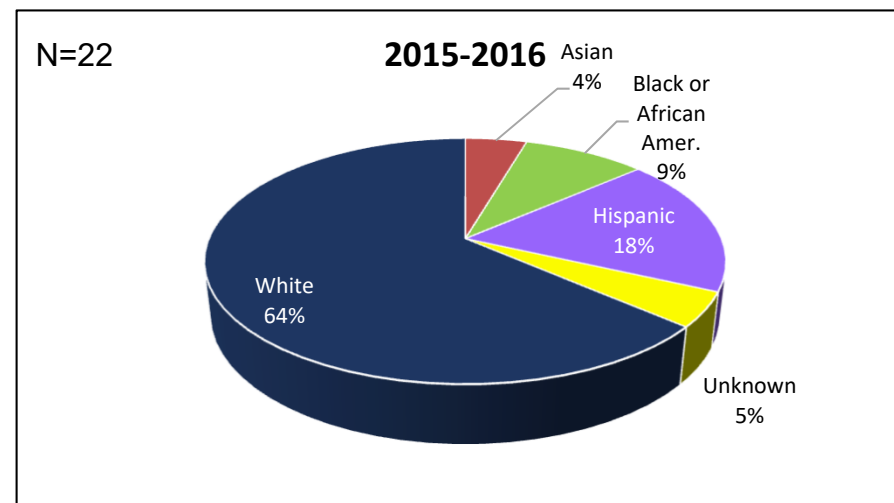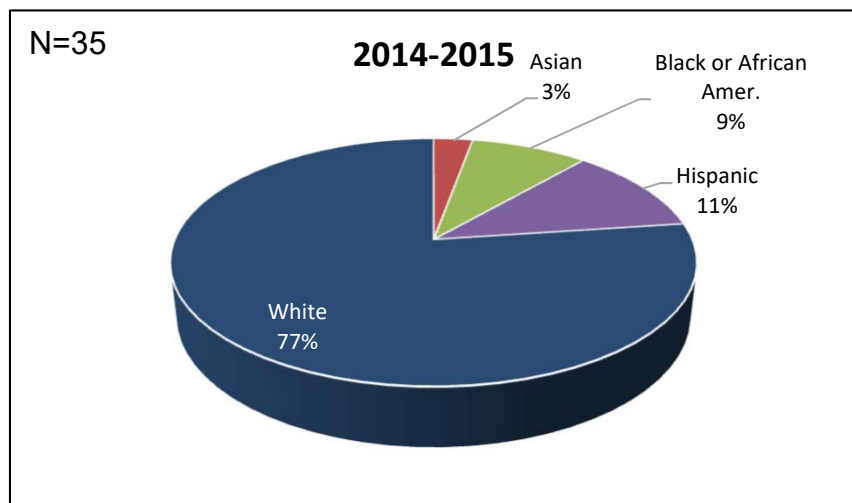
N=35

2014-2015

Asian 3%
Black or African Amer. 9%
Hispanic 11%
White 77%

N=22

2015-2016

Asian 4%
Black or African Amer. 9%
Hispanic 18%
White 64%
Unknown 5%

N=33

2016-2017

Asian 6%
Black 12%
Hawaii/Pac 6%
Hispanic 12%
White 64%

N=32

2017-2018

Asian 3%
Black or African Amer. 9%
Hispanic 16%
Nat. Hawaiian/Pacific Islander 6%
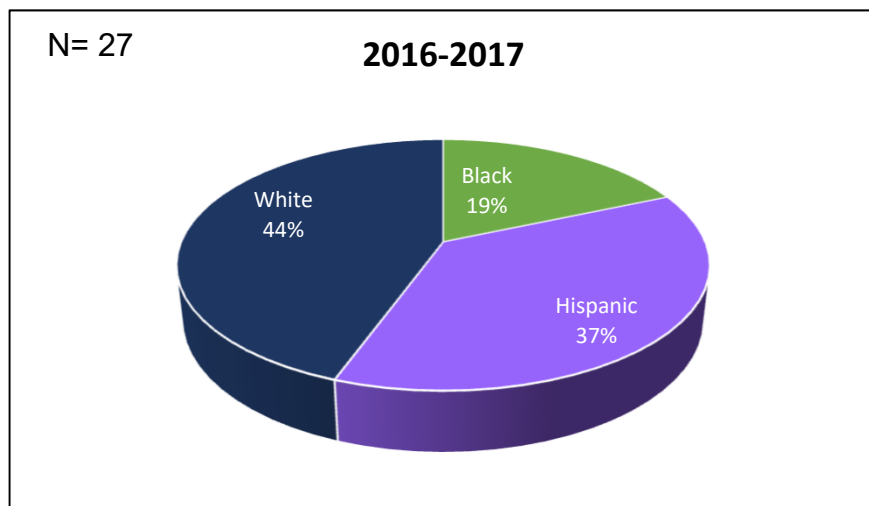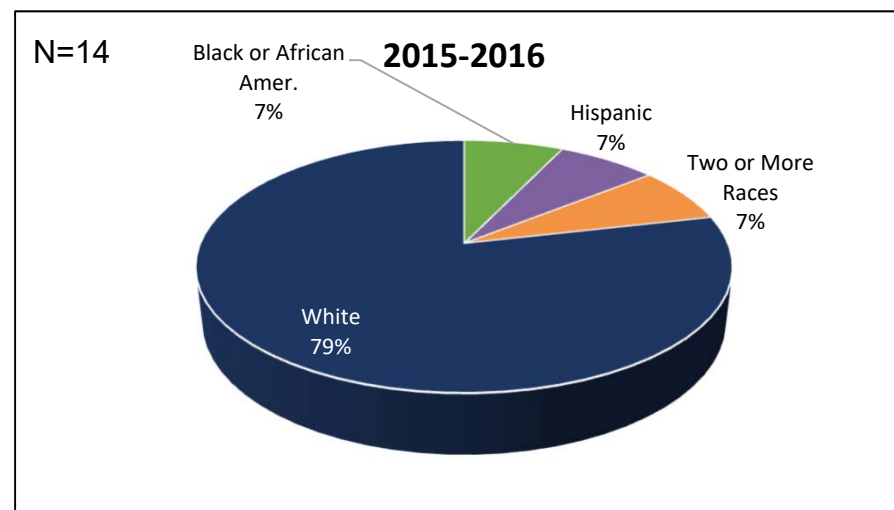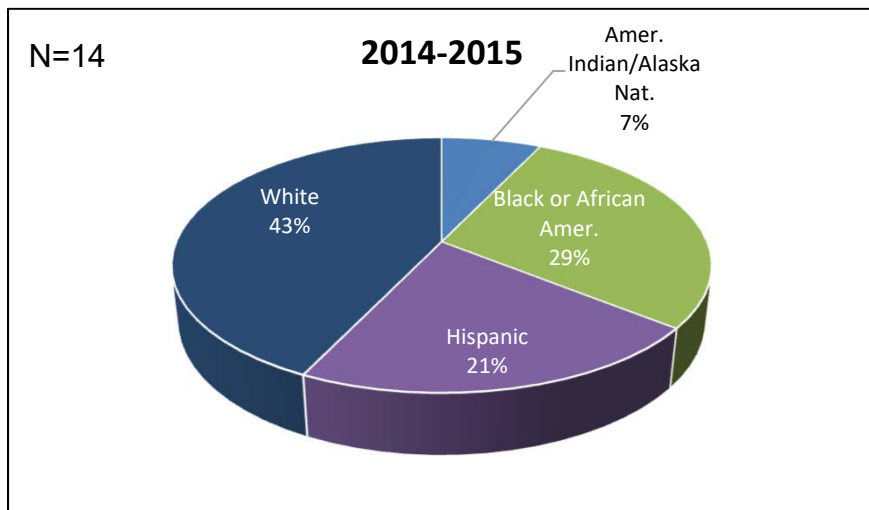White 66%

DSC Averages 2017-2018			
Black or African Amer	Hispanic	2 or More Races	White
14%	19%	3%	59%

Excludes individuals whose race / ethnicity is not reported.

Source: IR Program Assessment Data

Race / Ethnicity
Welding Technology #103300

N=32
2014-2015

Asian 3%
Hispanic 10%
Two or More Races 3%
White 84%

N=36
2015-2016

Hispanic 5%
Unknown 3%
White 92%

N= 34
2016-2017
Black 3%
White 97%

N=25
2017-2018
Hispanic 20%
White 80%

DSC Averages 2017-2018			
Black or African Amer	Hispanic	2 or More Races	White
14%	19%	3%	59%

Excludes individuals whose race / ethnicity is not reported.

Race / Ethnicity
Air Conditioning, Refrigeration, and Heating Mechanic #105400

2014-2015

N=49

- Black or African Amer. 14%
- Hispanic 14%
- White 70%
- Two or More Races 2%

2015-2016

N=59

- Asian 3%
- Black or African Amer. 17%
- Hispanic 10%
- White 65%
- Native Hawaiian / Pacific Islander 3%
- Two or More Races 2%

2016-2017

N= 49

- Asian 2%
- Black 10%
- Hawaii/Pac 4%
- Hispanic 10%
- White 74%

2017-2018

N=51

- Amer. Indian/Alaska Nat. 2%
- Asian 2%
- Black or African Amer. 12%
- Hispanic 14%
- White 66%
- Two or More Races 4%
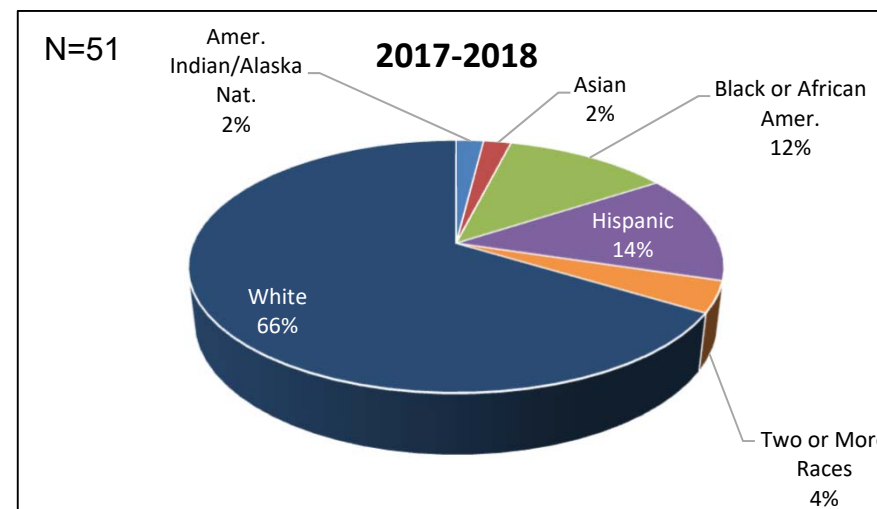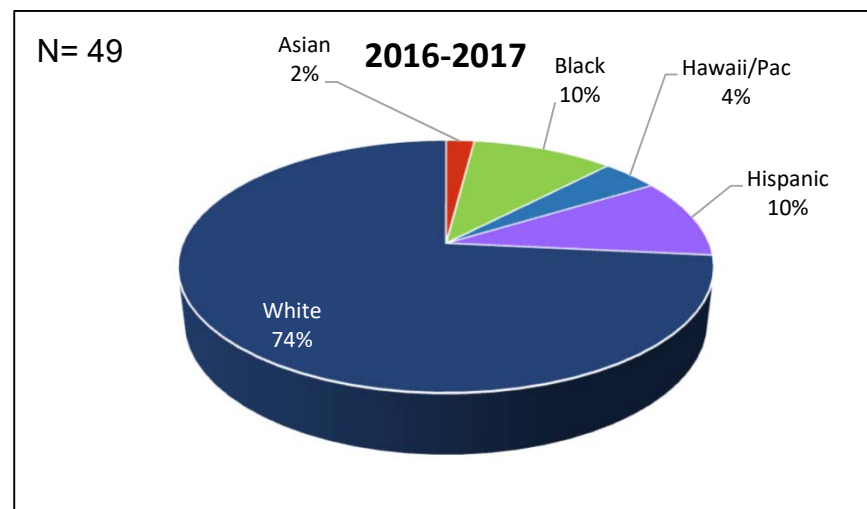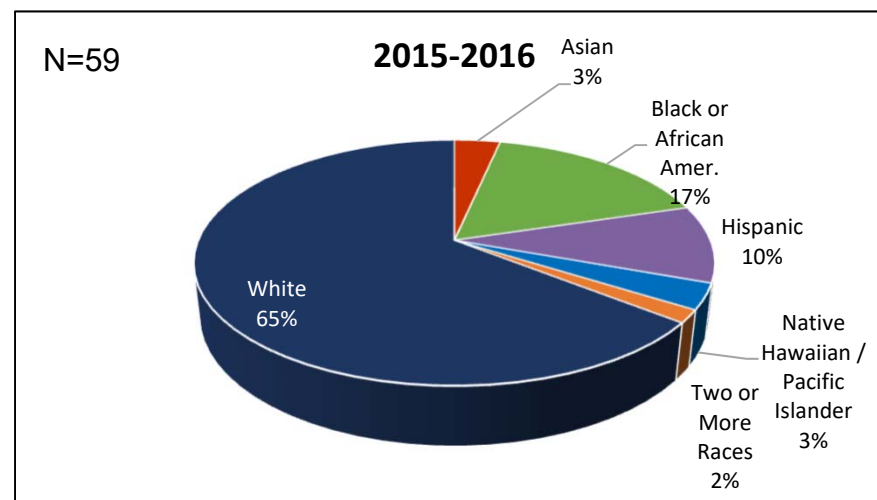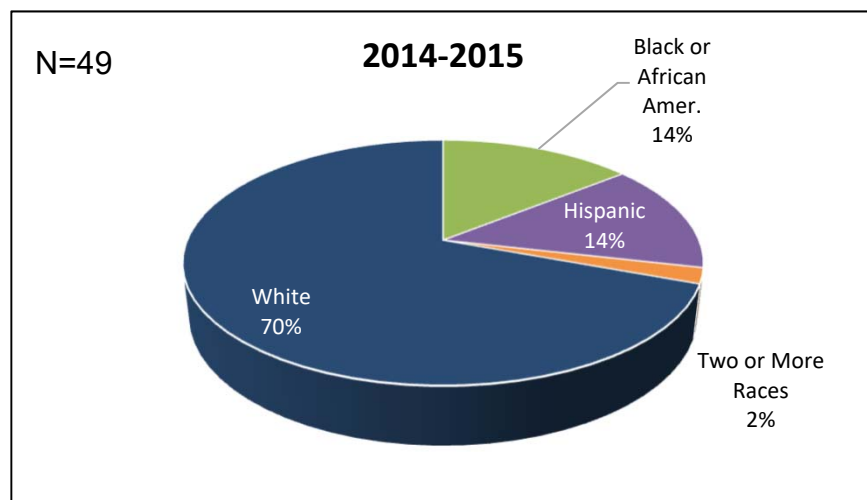
DSC Averages 2017-2018			
Black or African Amer	Hispanic	2 or More Races	White
14%	**19%**	**3%**	**59%**

Excludes individuals whose race / ethnicity is not reported.

Source: IR Program Assessment Data

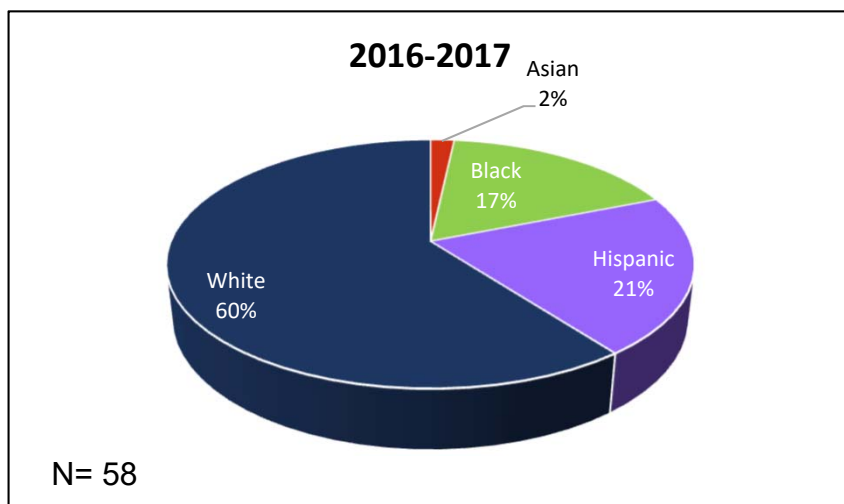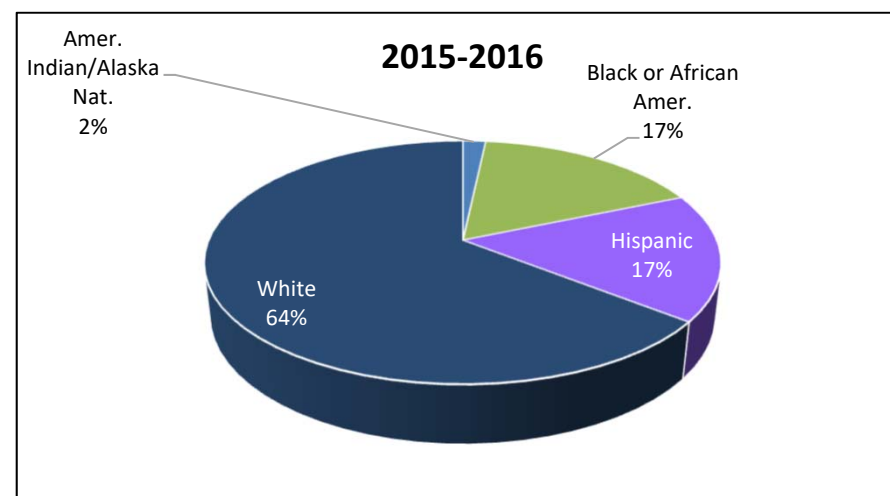# Race / Ethnicity
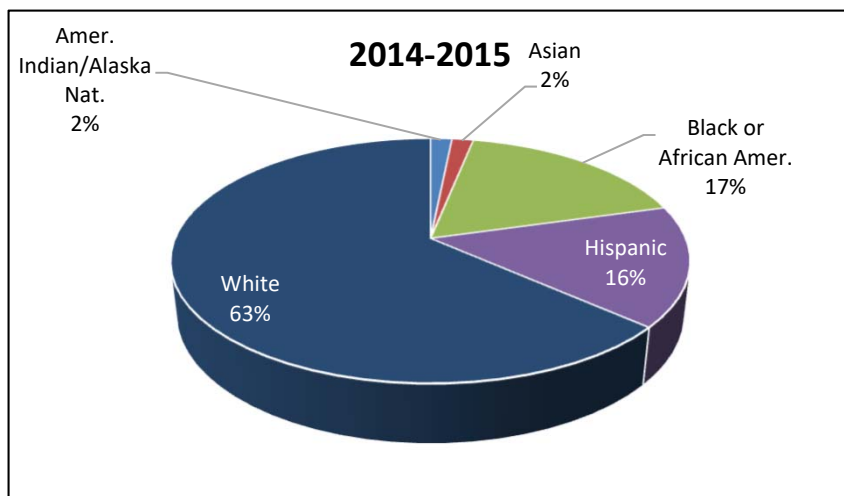## Automotive Collision Repair and Refinishing #109700
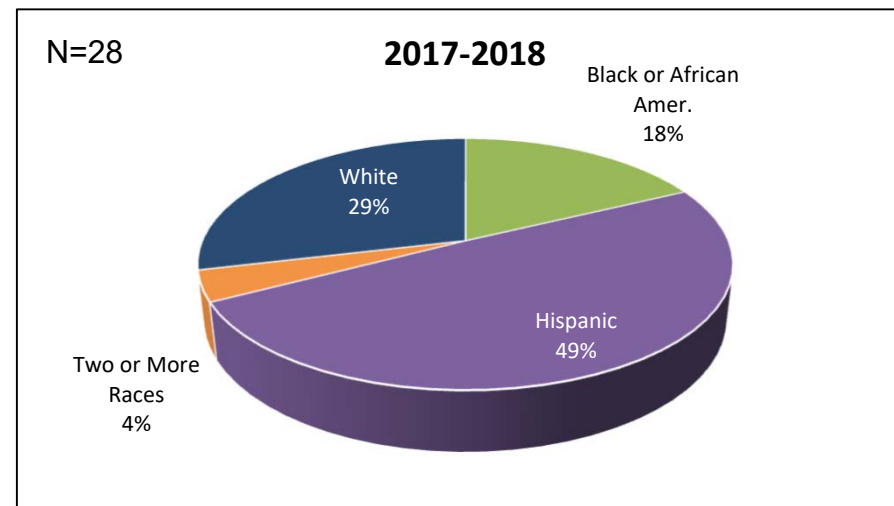
2014-2015 N=14
- White 43%
- Amer. Indian/Alaska Nat. 7%
- Black or African Amer. 29%
- Hispanic 21%

2015-2016 N=14
- Black or African Amer. 7%
- Hispanic 7%
- Two or More Races 7%
- White 79%

2016-2017 N=27
- White 44%
- Black 19%
- Hispanic 37%

2017-2018 N=28
- White 29%
- Black or African Amer. 18%
- Hispanic 49%
- Two or More Races 4%

DSC Averages 2017-2018			
Black or African Amer	Hispanic	2 or More Races	White
14%	19%	3%	59%

Excludes individuals whose race / ethnicity is not reported.

Source: IR Program Assessment Data

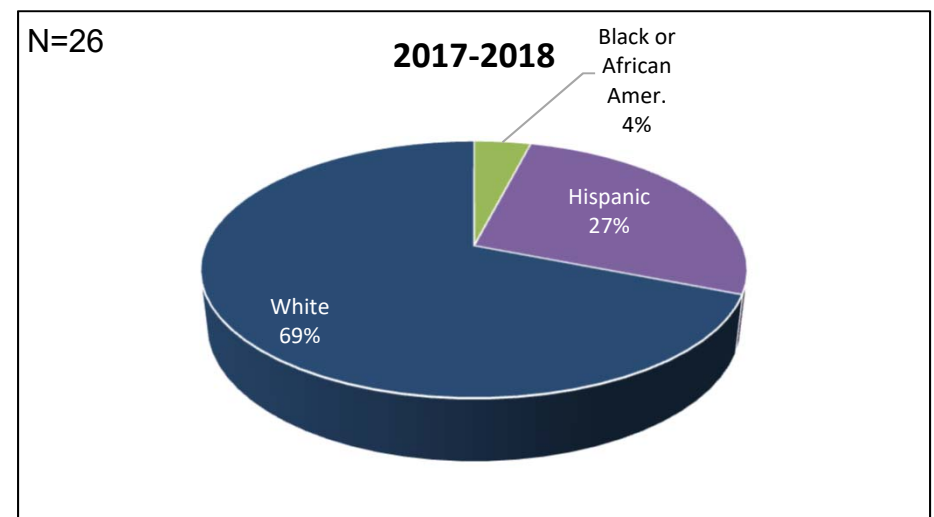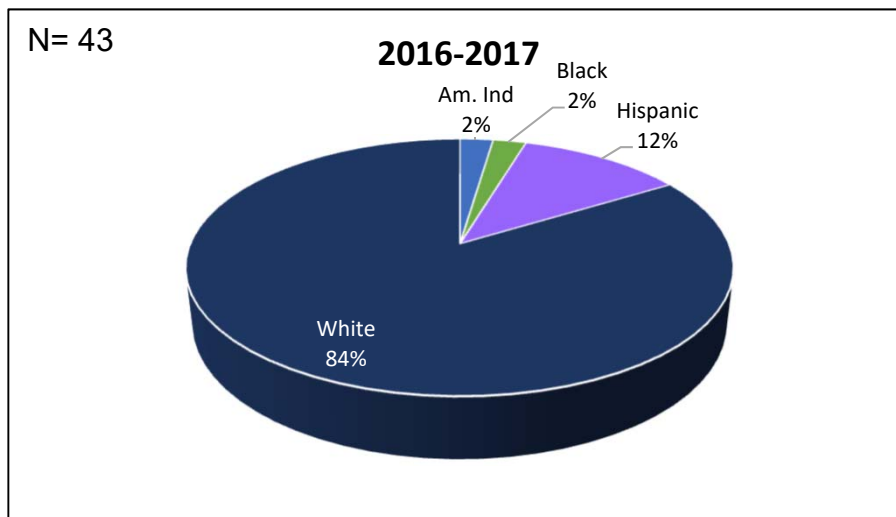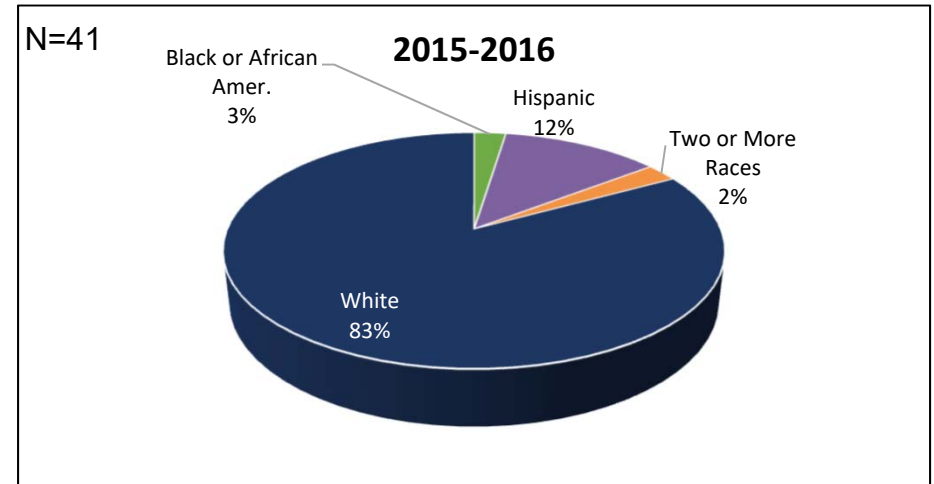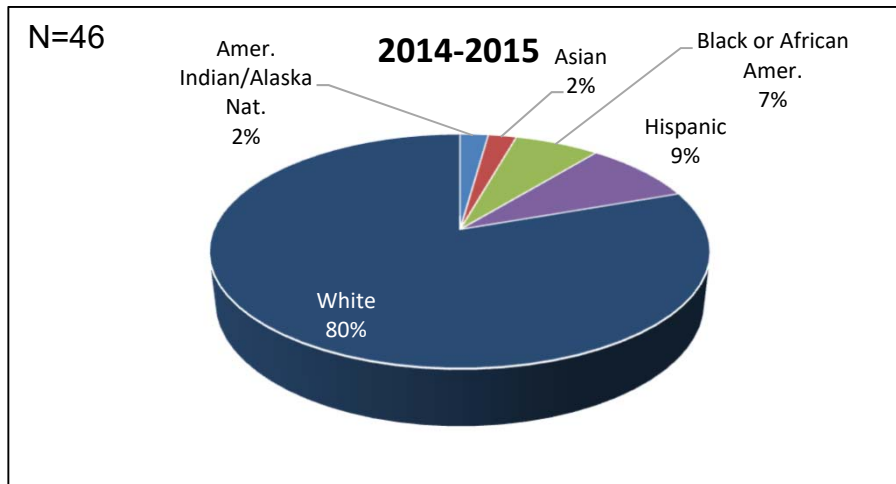# Race / Ethnicity
Automotive Service Technology #120100
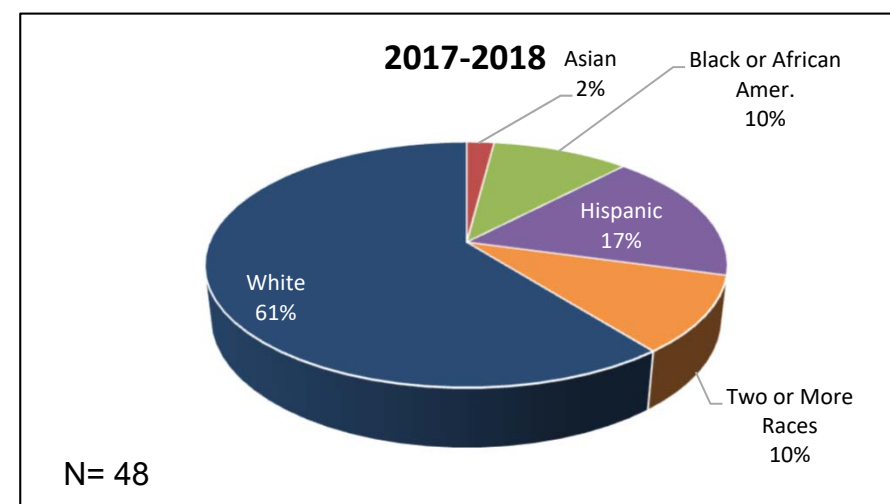
2014-2015

- Amer. Indian/Alaska Nat. 2%
- Asian 2%
- Black or African Amer. 17%
- Hispanic 16%
- White 63%

2015-2016

- Amer. Indian/Alaska Nat. 2%
- Black or African Amer. 17%
- Hispanic 17%
- White 64%

2016-2017

- Asian 2%
- Black 17%
- Hispanic 21%
- White 60%

N= 58

2017-2018

- Asian 2%
- Black or African Amer. 10%
- Hispanic 17%
- White 61%
- Two or More Races 10%

N= 48

DSC Averages 2017-2018			
Black or African Amer	Hispanic	2 or More Races	White
14%	19%	3%	59%

Excludes individuals whose race / ethnicity is not reported.

Race / Ethnicity
Machining #120200

N=46
2014-2015

Amer. Indian/Alaska Nat. 2%
Asian 2%
Black or African Amer. 7%
Hispanic 9%
White 80%

N=41
2015-2016

Black or African Amer. 3%
Hispanic 12%
Two or More Races 2%
White 83%

N= 43
2016-2017

Am. Ind 2%
Black 2%
Hispanic 12%
White 84%

N=26
2017-2018

Black or African Amer. 4%
Hispanic 27%
White 69%

DSC Averages 2017-2018			
Black or African Amer	Hispanic	2 or More Races	White
14%	19%	3%	59%

Excludes individuals whose race / ethnicity is not reported.
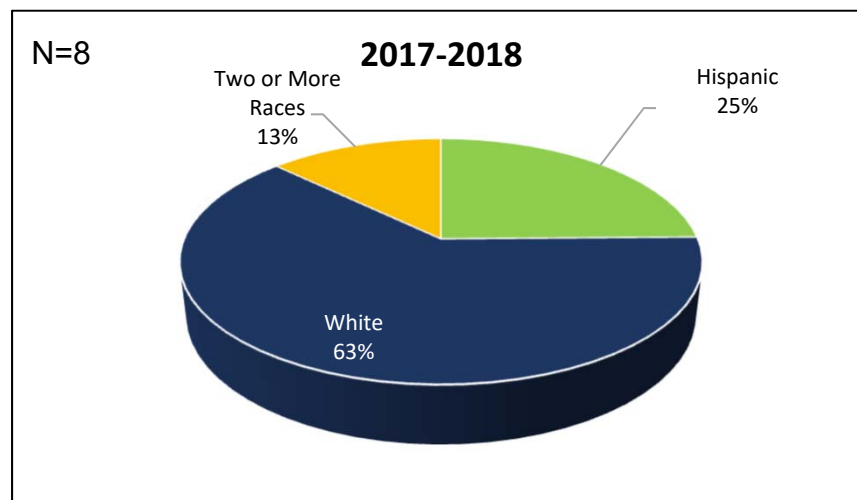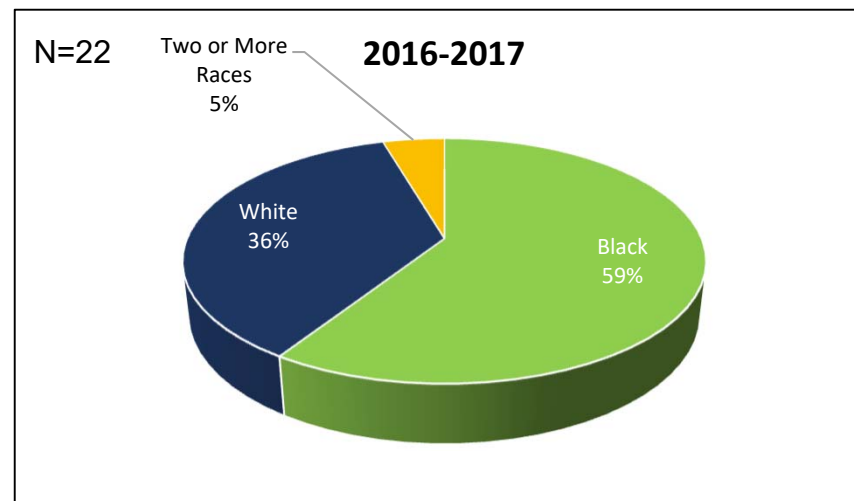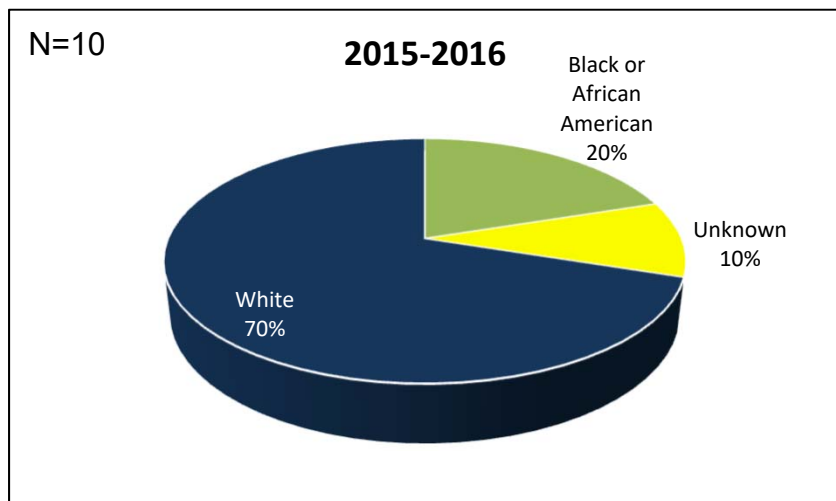
Source: IR Program Assessment Data

Race / Ethnicity
Building Trades and Construction Design Technology #120900

N=10

2015-2016

- Black or African American 20%
- Unknown 10%
- White 70%

N=22

2016-2017

- Two or More Races 5%
- White 36%
- Black 59%

N=8

2017-2018

- Two or More Races 13%
- Hispanic 25%
- White 63%

DSC Averages 2017-2018			
Black or African Amer	Hispanic	2 or More Races	White
14%	**19%**	**3%**	**59%**

Excludes individuals whose race / ethnicity is not reported.

Source: IR Program Assessment Data