

# ASSESSMENT DAY

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College of Business, Engineering and Technology

School of Computer Science

January 26, 2017

# Academic Assessment

	LEVEL	FOCUS	CONDUCTED BY	FREQUENCY
<b>Academic Success Committee</b>	Program	<ul style="list-style-type: none"> <li>Quality of assessment practices</li> </ul>	Committee of peers	Years 1 & 2
<b>Instructional Program Review</b>	Program / Cluster	<ul style="list-style-type: none"> <li>Enrollment, retention, completion</li> <li>Industry certifications and job placement</li> <li>Program budget and staffing</li> <li>Advisory committees</li> <li>Curriculum changes</li> </ul>	Committee of peers	Year 3
<b>Assessment Day</b>	Course/ Program	<ul style="list-style-type: none"> <li>Enrollment by demographics</li> <li>Graduation and retention</li> <li>Average class size</li> <li>Course success rate</li> <li>Placement rate</li> <li>SLOs, PLOs and ILOs</li> </ul>	Program Chair and Faculty	Years 1, 2, 3

# Programs

[0908 - Advanced Network Infrastructure](#)

[0820 - Applied Technology Specialist](#)

[0921 - Cable Installation](#)

[2013 - Computer Engineering Technology](#)

[2067 - Computer Information Technology](#)

[0938 - Computer Programming](#)

[2047 - Computer Programming and Analysis  
\(Software Engineering Technology\)](#)

[0821 - Computer-Aided Design and Drafting](#)

[0822 - Electronics Aide](#)

[2003 - Electronics Engineering Technology](#)

[2232 - Engineering Technology](#)

[0823 - Engineering Technology Support  
Specialist](#)

[0902 - Information Technology Administration](#)

[0903 - Information Technology Analysis](#)

[0905 - Information Technology Support  
Specialist](#)

[2005 - Internet Services Technology](#)

[0907 - Microcomputer Repairer/Installer](#)

[0923 - Network Communications \(LAN\)](#)

[0924 - Network Communications \(WAN\)](#)

[0922 - Network Infrastructure](#)

[0904 - Network Server Administration](#)

[0906 - Network Support Technician](#)

[2002 - Network Systems Technology](#)

[2204 - Simulation and Robotics Technology](#)

[0909 - Web Development Specialist](#)

[0925 - Wireless Communications](#)

# Action Items from Last Assessment Day

## Action Items for Improvement (2/18/2016):

1. Revisit dual enrollment;
2. Survey students about the different instructional methods;
3. Contact students in 2014 (certificates) and 2012 (AS degrees) to encourage them to complete program;
4. Develop Plan of Study for full-time students/part-time students who get jobs in the middle of the program;
5. Conducting Information sessions per semester at Deland and ATC campuses to recruit and retain more students;
6. Capture more photos of women in technology at our functions; i.e. at the STEM EXPO, some of the first photos were male and not females;
7. Consider short terms A and B offering (different configuration of the schedule, analyzing which courses are feasible or appropriate to offer as 6 weeks or 8 weeks, concerning advising - if students have disabilities perhaps offering fast pace courses may be too challenging.);
8. Work on curriculum maps for learning outcome assessment.

## For Institutional Effectiveness:

- Check length of programs;
- Check non-degree seeking code (959500 and 000100) and how it will work in PeopleSoft;
- Find out if non-degree seeking students are part of the performance funding numbers;
- Provide assessment summary

# Program Learning Outcomes

**Network Systems Technology, code 2002**

**Certificate Advance Network Infrastructure, code 0908**

**Certificate Network Infrastructure, code 0922**

**Certificate Network Server Administration, code 0904**

**Certificate Network Support Technician, code 0906**

**Certificate Cable Installation, code 0921**

**Certificate Network Communications (LAN), code 0923**

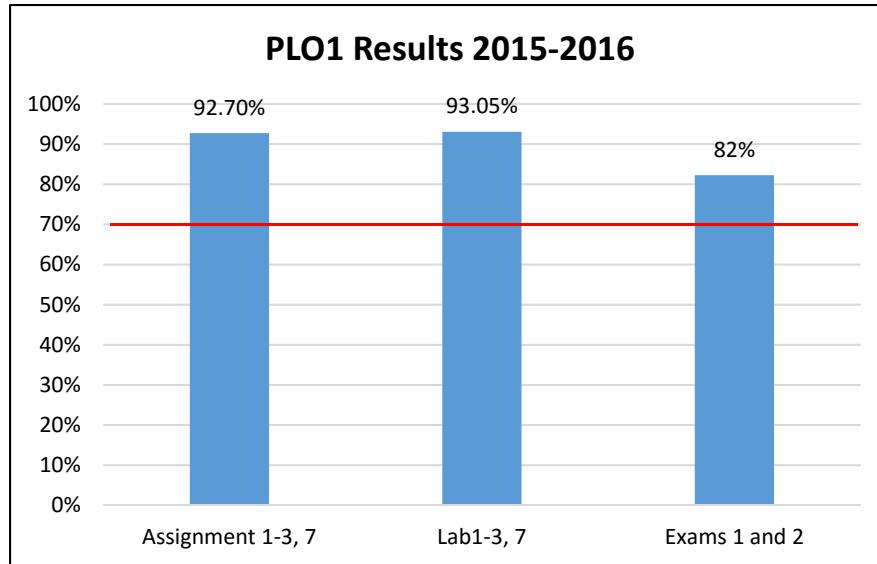
**Certificate Network Communications (WAN), code 0924**

**Certificate Wireless Communications, code 0925**

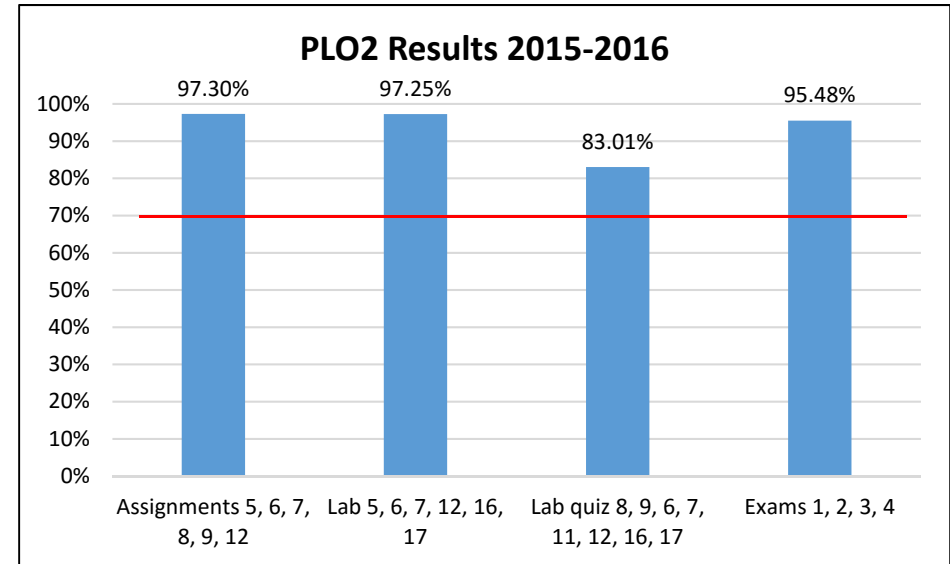
Graduates of the program will be able to:

1. Analyze a problem, and identify and define the network services requirements appropriate to its solution.
2. Design, implement and evaluate a network services based system, process, component, or program to meet desired needs.
3. Apply knowledge of network services appropriate to the discipline.
4. Function effectively on teams to accomplish a common goal.
5. Apply and understand professional, ethical, legal, security, and social issues and responsibilities.
6. Communicate effectively with a range of audiences.
7. Analyze the local and global impact of network services on individuals, organizations and society.
8. Recognize the need for, and an ability to engage in, continuing professional development.
9. Use current techniques, skills, and tools necessary for network services practices.
10. Apply network services foundations and theory in the modeling and design of network services based systems in a way that demonstrates comprehension of the tradeoffs involved in design choices.
11. Apply design and development principles in the construction of network services systems of varying complexity.

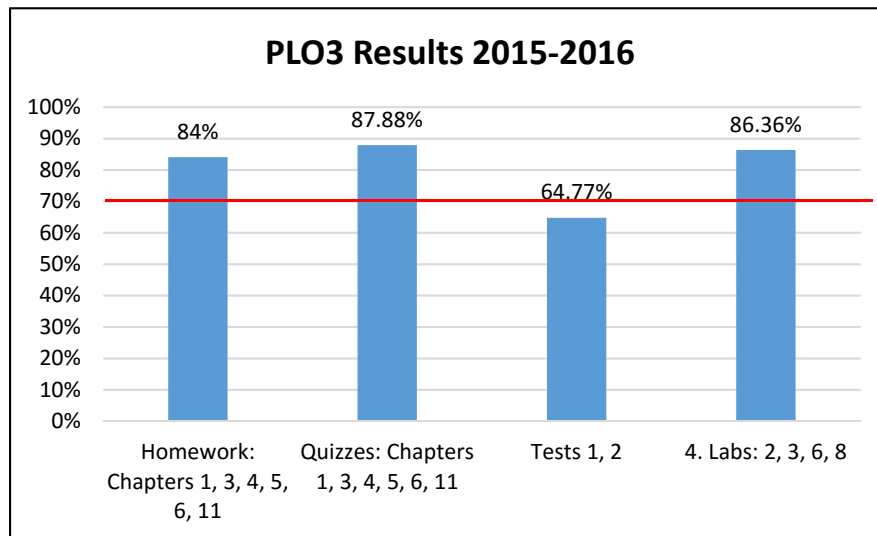
# Assessment Results



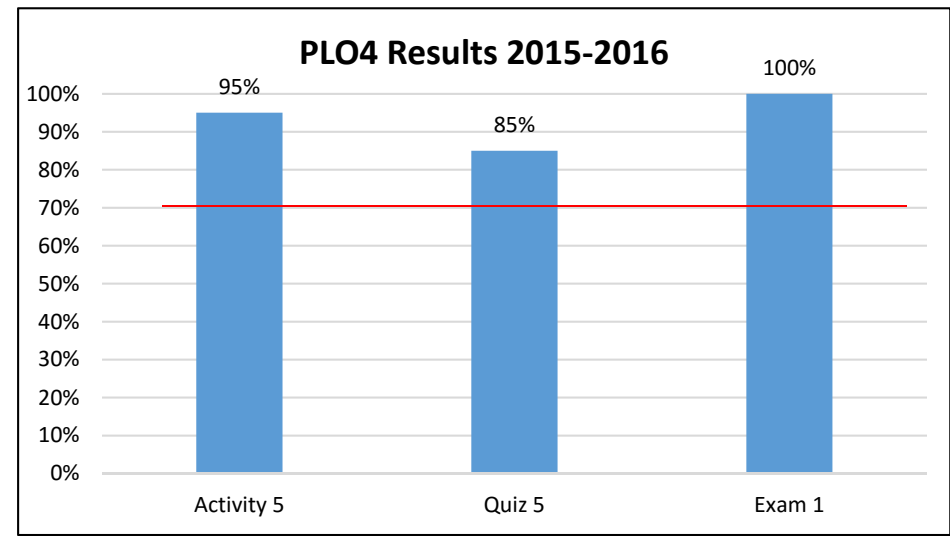
Analyze a problem, and identify and define the network services requirements appropriate to its solution



Design, implement and evaluate a network services based system, process, component, or program to meet desired needs

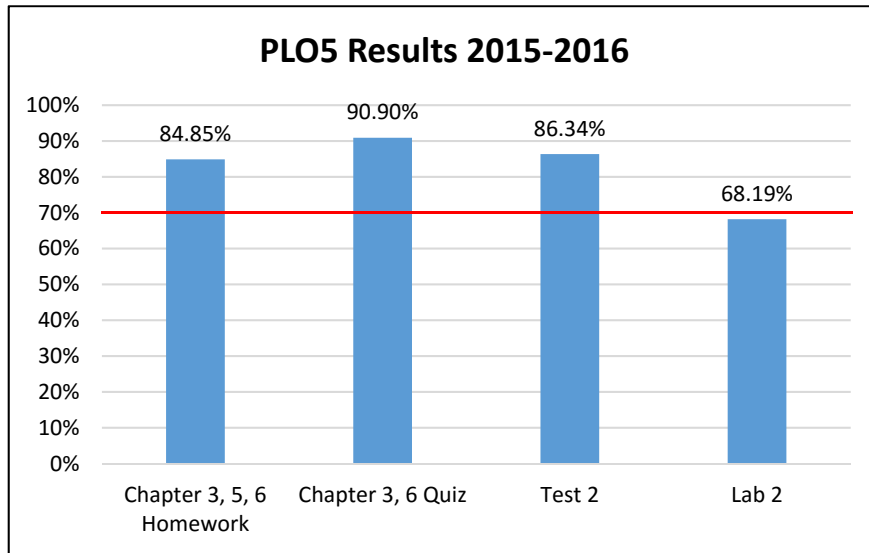


Apply knowledge of network services appropriate to the discipline

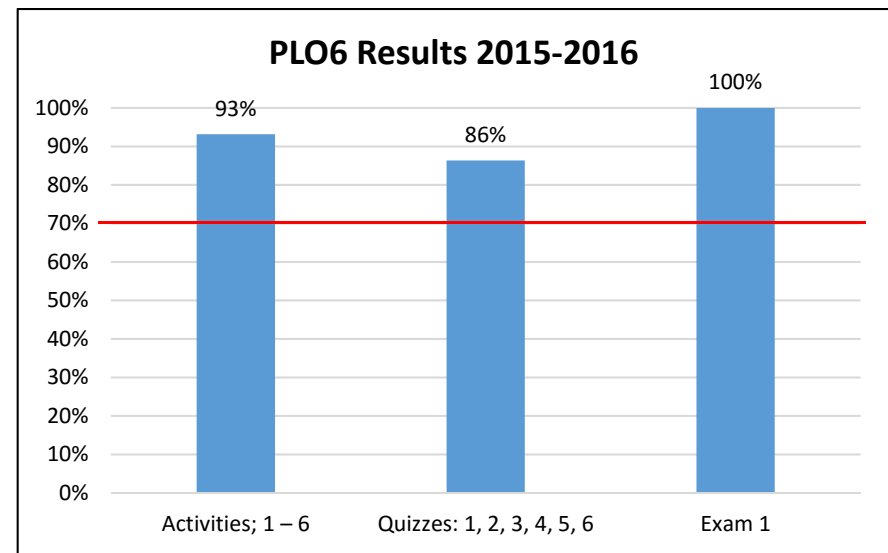


Function effectively on teams to accomplish a common goal

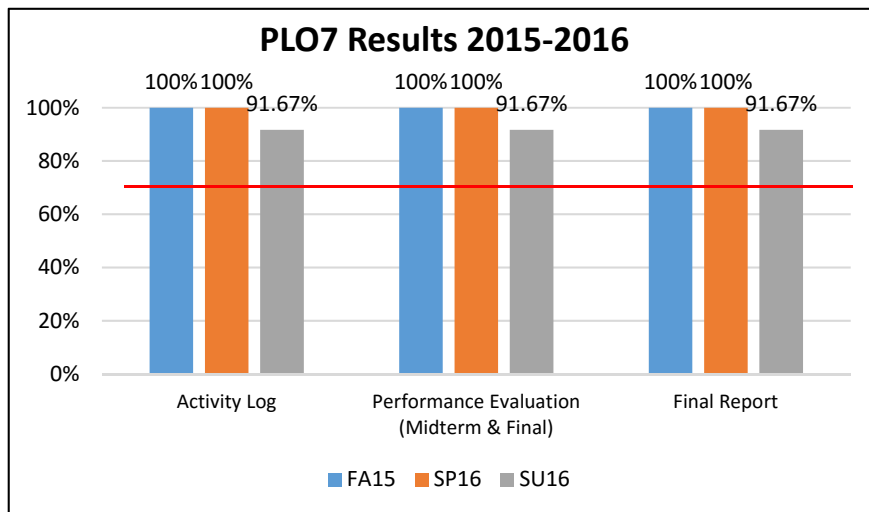
# Assessment Results



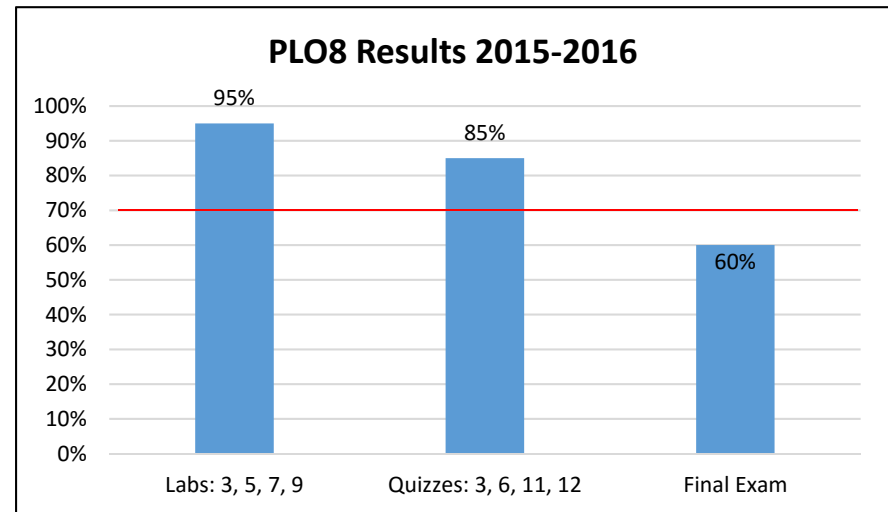
Apply and understand professional, ethical, legal, security, and social issues and responsibilities. \*Results given in class average



Communicate effectively with a range of audiences

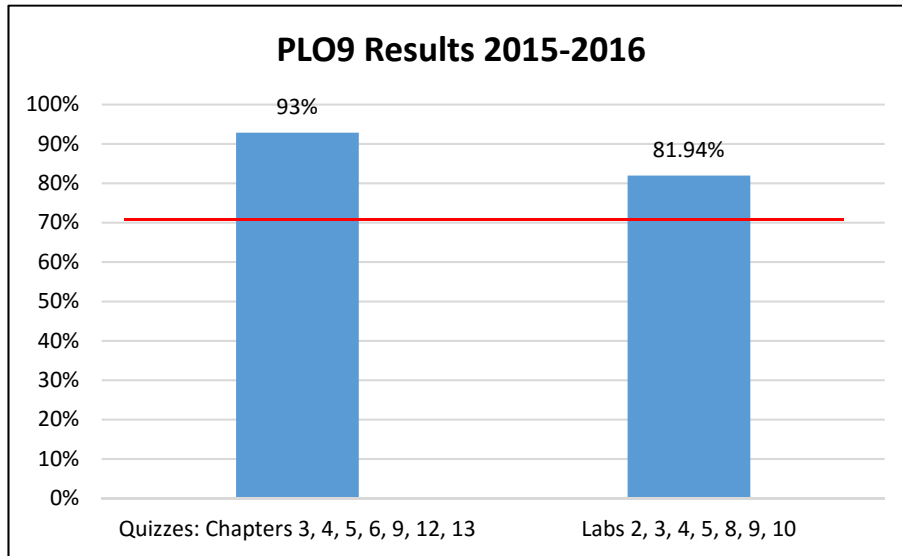


Analyze the local and global impact of network services on individuals, organizations and society

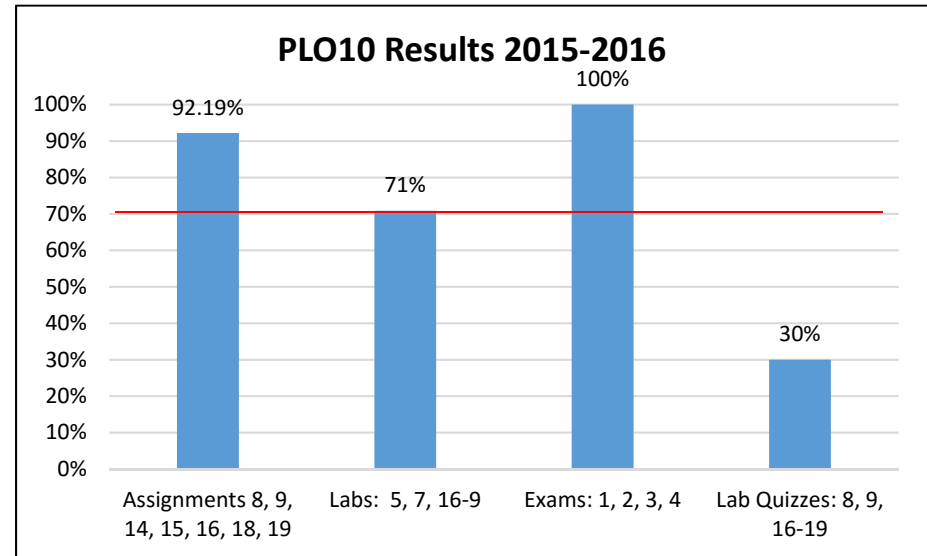


Recognize the need for, and an ability to engage in, continuing professional development

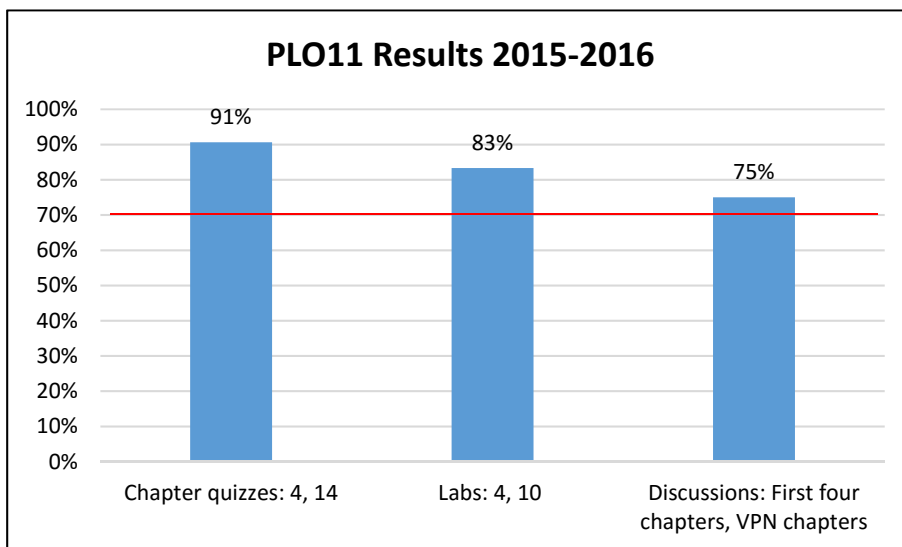
# Assessment Results



Use current techniques, skills, and tools necessary for network services practices



Apply network services foundations and theory in the modeling and design of network services based systems in a way that demonstrates comprehension of the tradeoffs involved in design choices



Apply design and development principles in the construction of network services systems of varying complexity



# Program Learning Outcomes

**AS Internet Services Technology, code 2005**

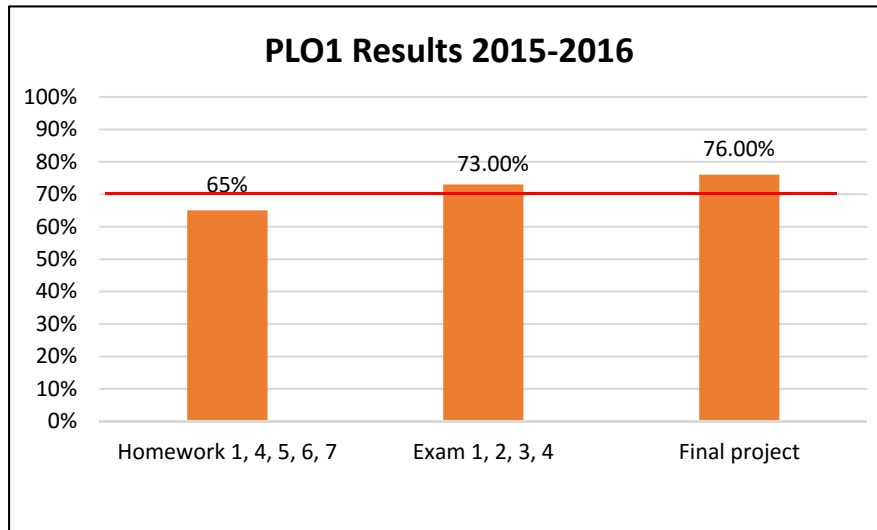
**Certificate Information Technology Administration, code 0902**

**Certificate Web Development Specialist, code 0909**

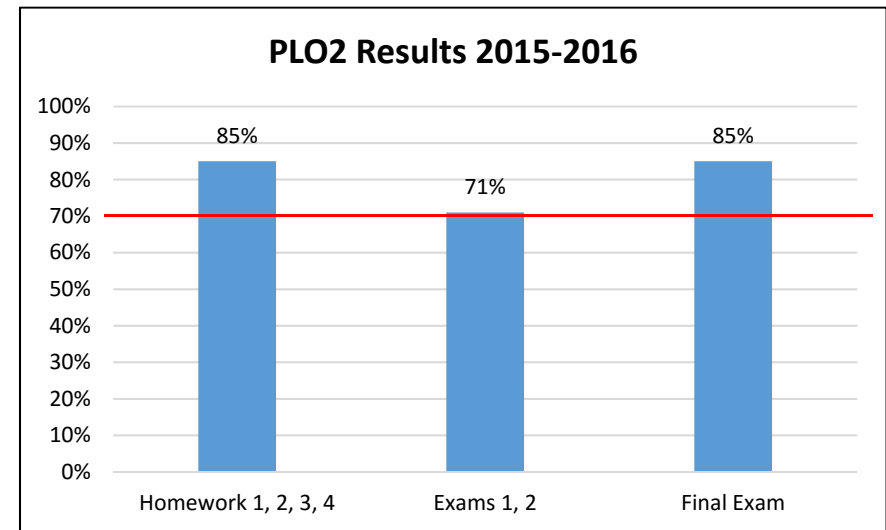
Graduates of the program will be able to:

1. Use relevant tools necessary for Internet development.
2. Apply and demonstrate independent problem solving and trouble shooting skills in web site development, database, and web database integration.
3. Demonstrate knowledge and understanding of computer hardware and networked environments.
4. Design, implement and manage database applications.
5. Communicate effectively with customers, supervisors and peers both orally and in writing, including technical training for users.
6. Function as a member of a team in the solution of problems.
7. Contribute to chosen field by gaining employment in a related field or by continuing professional development.
8. Evaluate and practice ethical and professional behaviors in the area of Internet Services Technology.

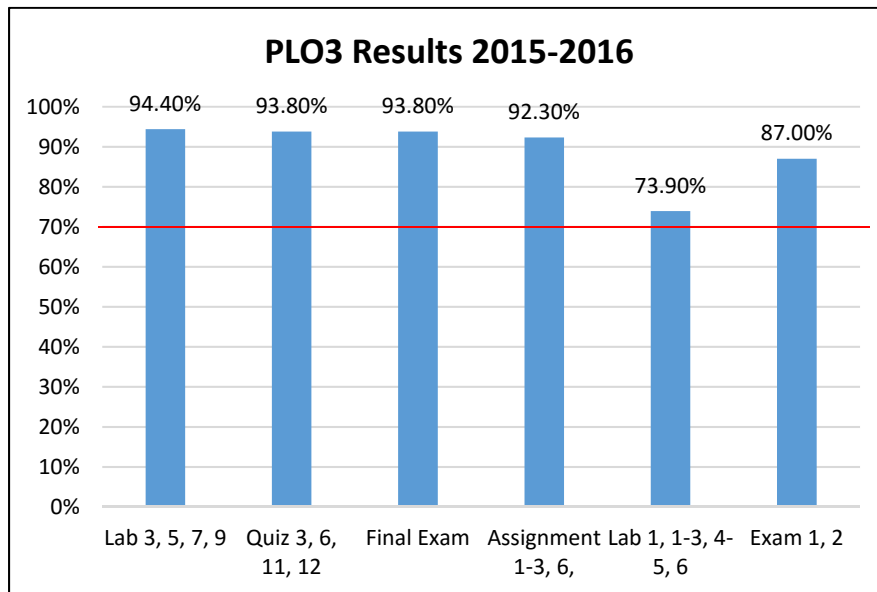
## Assessment Results



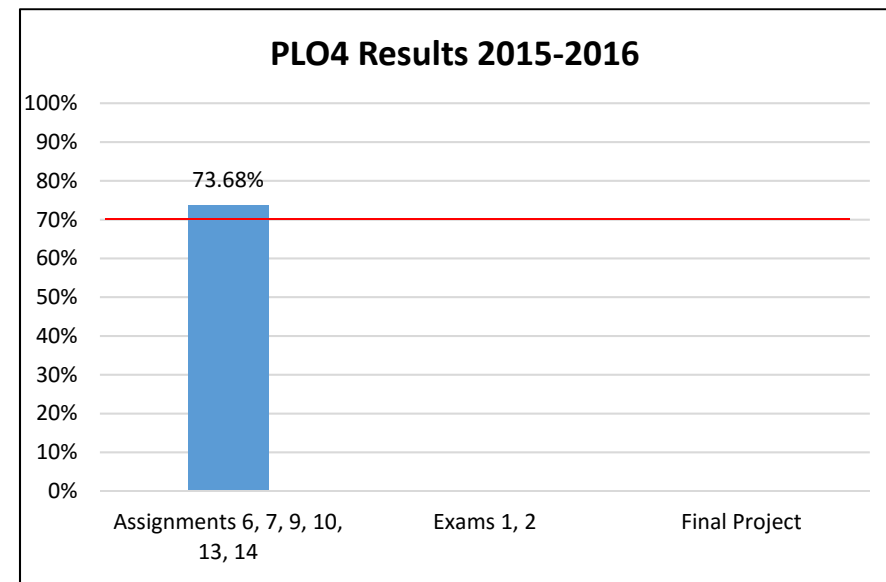
Use relevant tools necessary for Internet development



Apply and demonstrate independent problem solving and trouble shooting skills in web site development, database, and web database integration

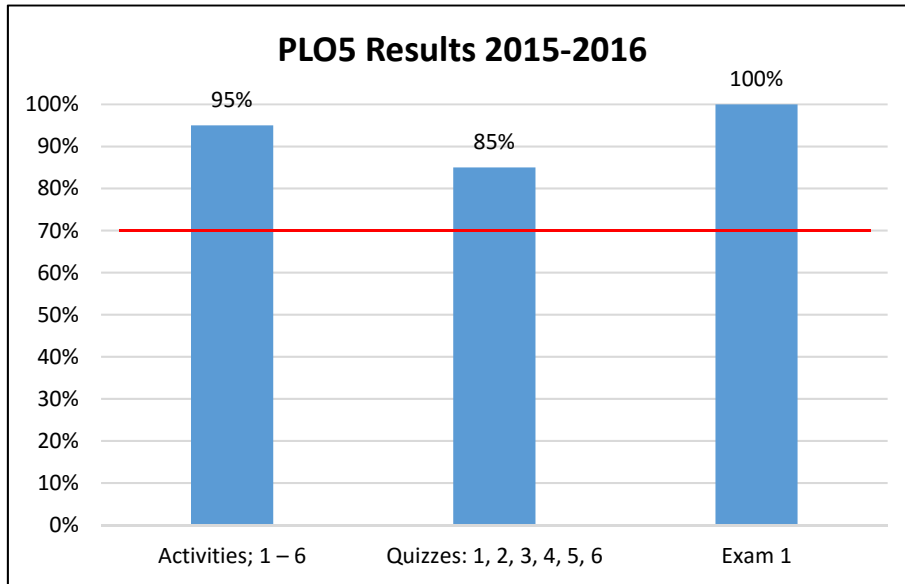


Demonstrate knowledge and understanding of computer hardware and networked environments

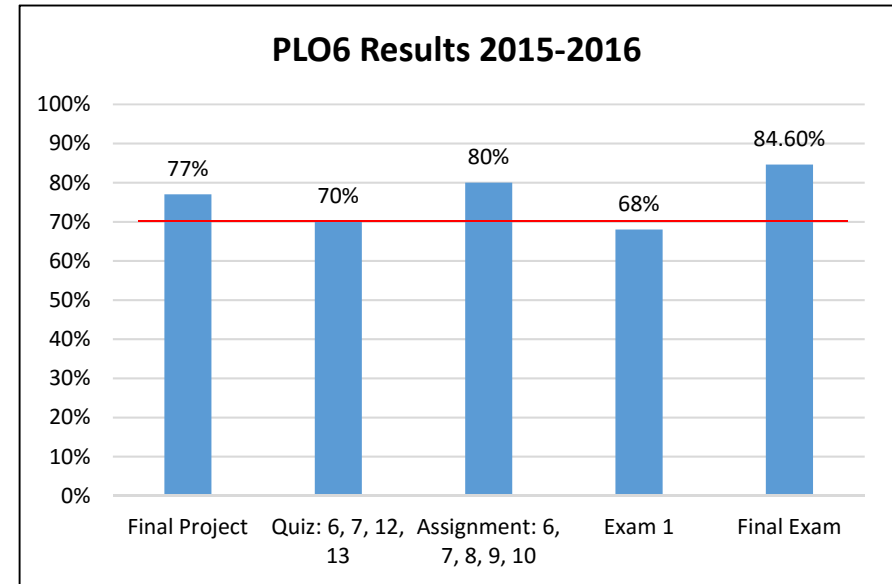


Design, implement and manage database applications

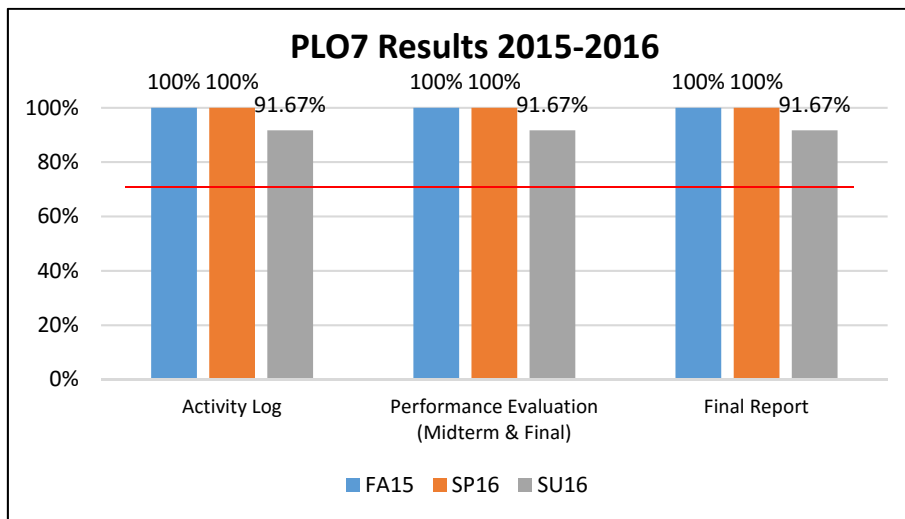
# Assessment Results



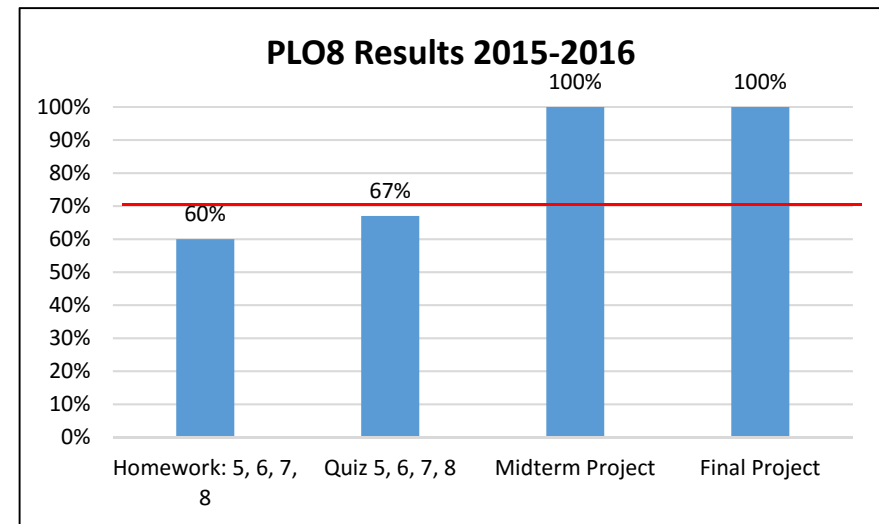
Communicate effectively with customers, supervisors and peers both orally and in writing, including technical training for users



Function as a member of a team in the solution of problems



Contribute to chosen field by gaining employment in a related field or by continuing professional development



Evaluate and practice ethical and professional behaviors in the area of Internet Services Technology

# Program Learning Outcomes

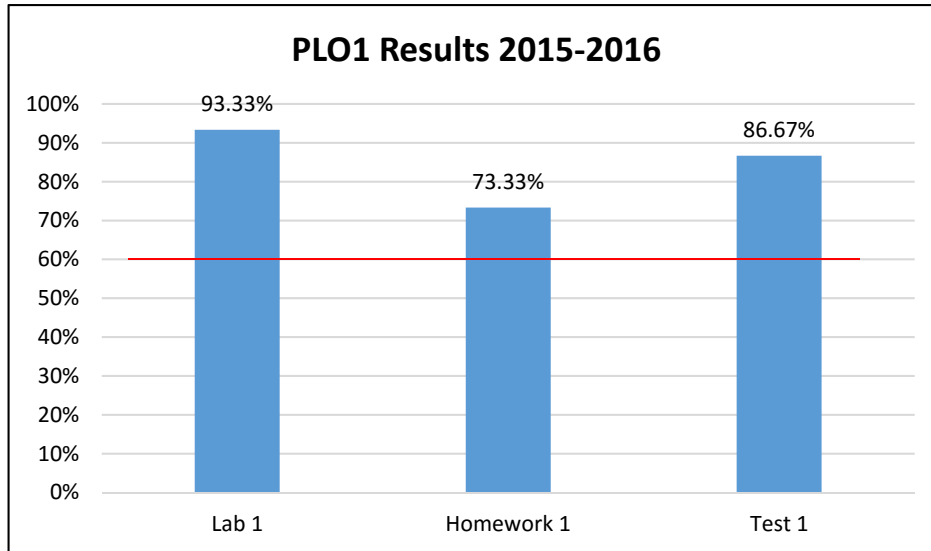
**AS Computer Engineering Technology, code 2013**

**Certificate Microcomputer Repairer Technology, code 0907**

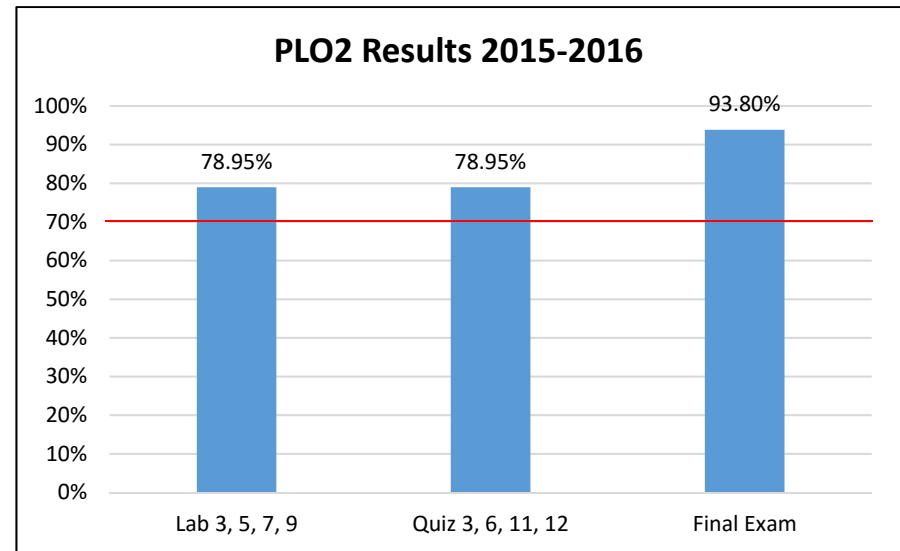
Graduates of the program will be able to:

1. Apply knowledge of mathematics, basic science, and engineering technology to solve problems encompassing the fundamental areas of computer engineering technology.
2. Apply knowledge of one or more disciplines to the application, installation, operation, and/or maintenance of computer systems.
3. Conduct and create experiments to acquire needed data and to analyze and interpret the data to solve engineering technology problems.
4. Comply and function as a member of a diverse multidisciplinary team in the solution of engineering problems.
5. Demonstrate proficiency in communicating ideas and information orally and in writing.
6. Relate the need for, and an ability to learn and apply new concepts as required in the continually evolving and rapidly changing practice of computer engineering technology.
7. Comprehend ethical responsibility and professional integrity issues as related to computer technology.
8. Comprehend contemporary technological and societal issues and the impact of computer technology on society in both a local and global context.

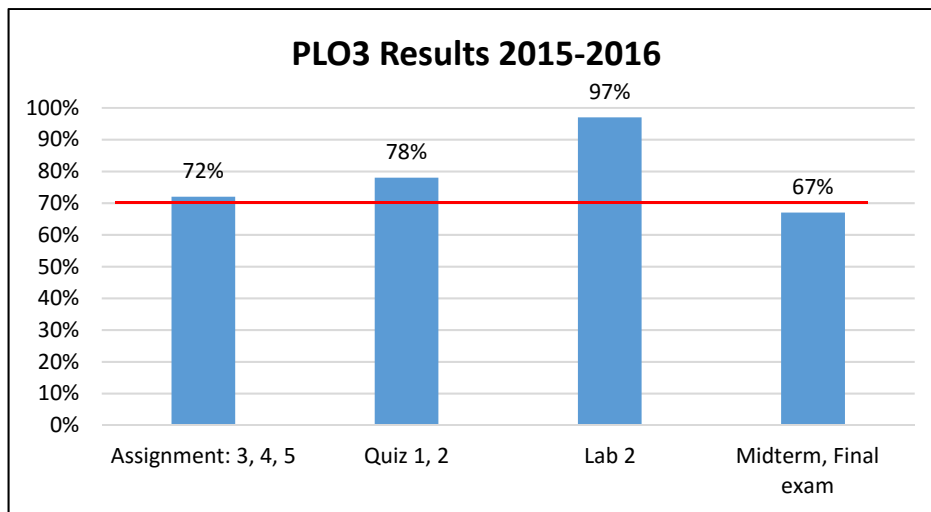
## Assessment Results



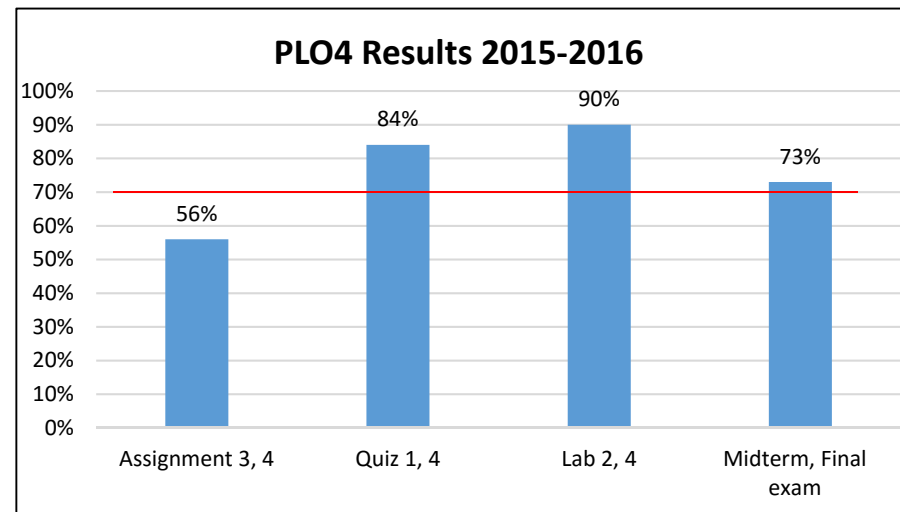
Apply knowledge of mathematics, basic science, and engineering technology to solve problems encompassing the fundamental areas of computer engineering technology



Apply knowledge of one or more disciplines to the application, installation, operation, and/or maintenance of computer systems

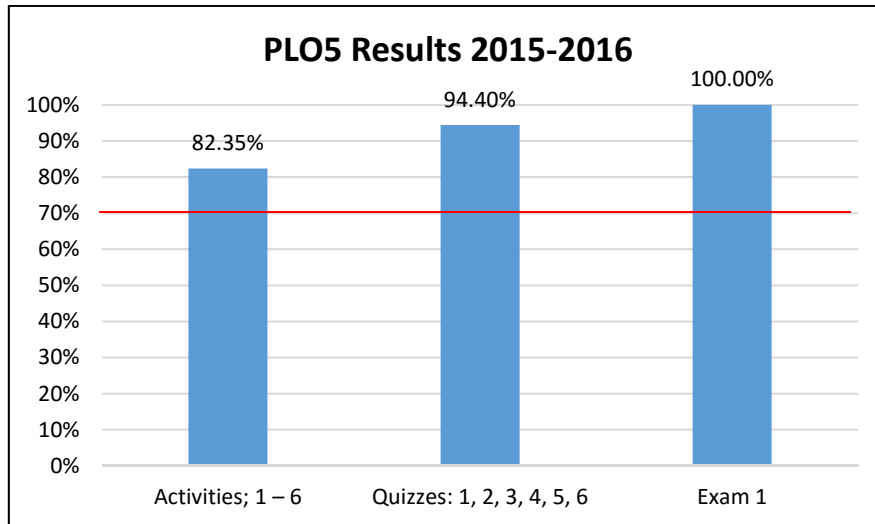


Conduct and create experiments to acquire needed data and to analyze and interpret the data to solve engineering technology problems

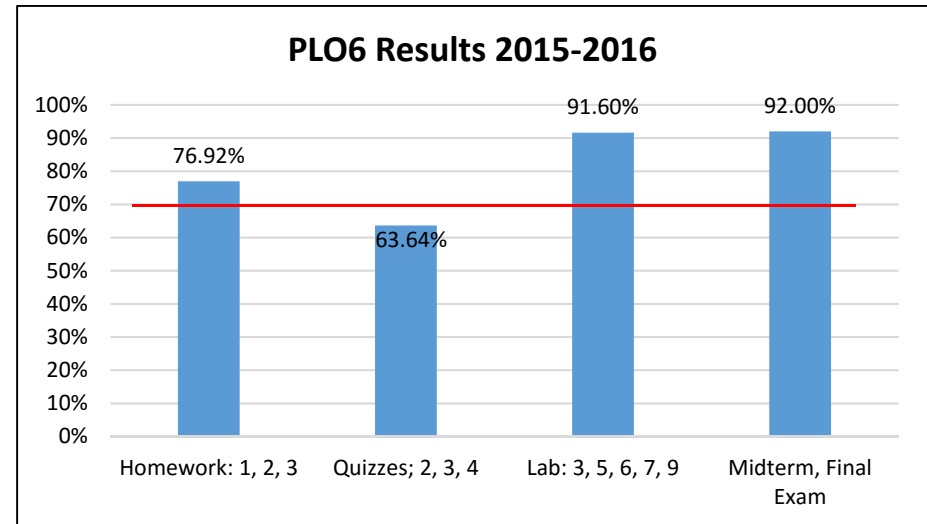


Comply and function as a member of a diverse multidisciplinary team in the solution of engineering problems

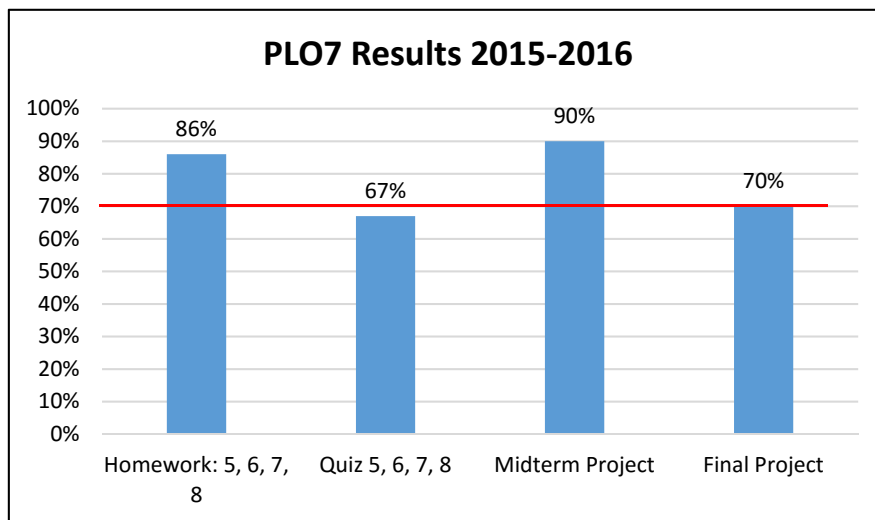
# Assessment Results



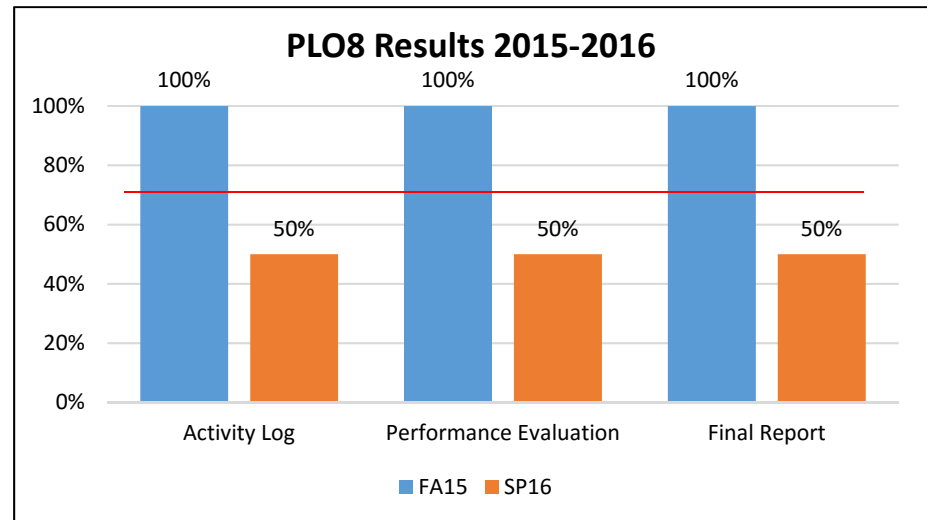
Demonstrate proficiency in communicating ideas and information orally and in writing



Relate the need for, and an ability to learn and apply new concepts as required in the continually evolving and rapidly changing practice of computer engineering technology



Comprehend ethical responsibility and professional integrity issues as related to computer technology



Comprehend contemporary technological and societal issues and the impact of computer technology on society in both a local and global context

# Program Learning Outcomes

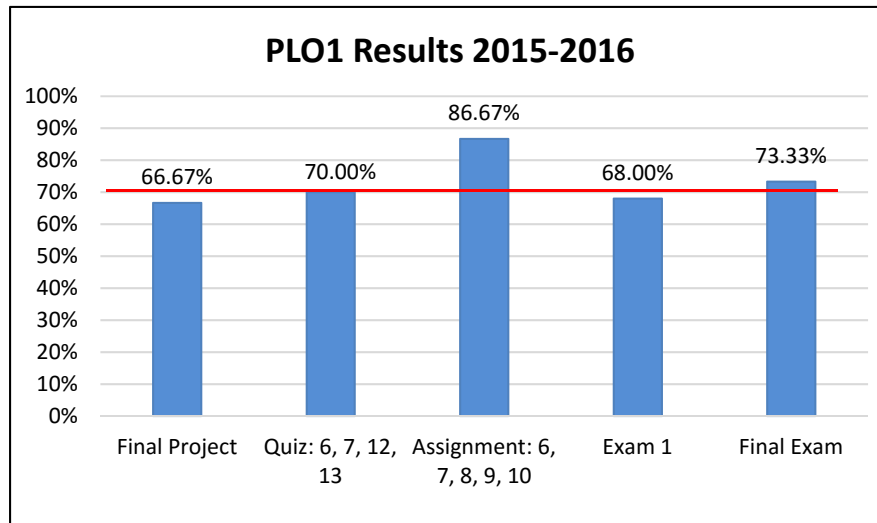
**AS Computer Programming and Analysis (Software Engineering Technology), code 2047**

**Certificate Computer Programming, code 0938**

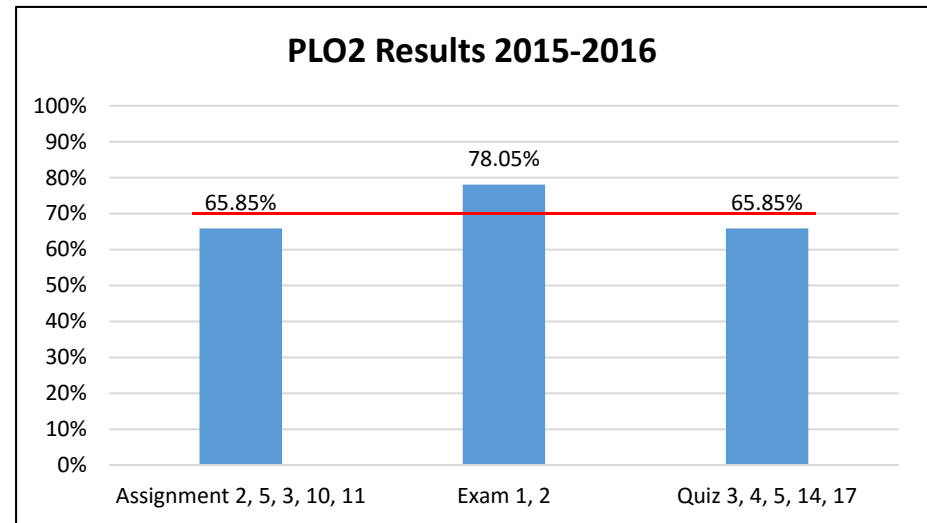
Graduates of the program will be able to:

1. Use current techniques, skills, tools, and emerging technologies necessary for computing practices.
2. Apply critical thinking and problem solving skills in designing algorithms and programming code in various programming languages.
3. Demonstrate knowledge and understanding of computer hardware and networked environments.
4. Demonstrate proficiency with Internet structure, organization, and Web site development.
5. Design, implement and manage database applications.
6. Communicate effectively with customers, supervisors and peers both orally and in writing, including technical training for users.
7. Ability to function as a member of a team in the solution of problems.
8. Contribute to chosen field by gaining employment in a related field or by continuing professional development.
9. Evaluate and practice ethical and professional behaviors in the area of computer programming and analysis.

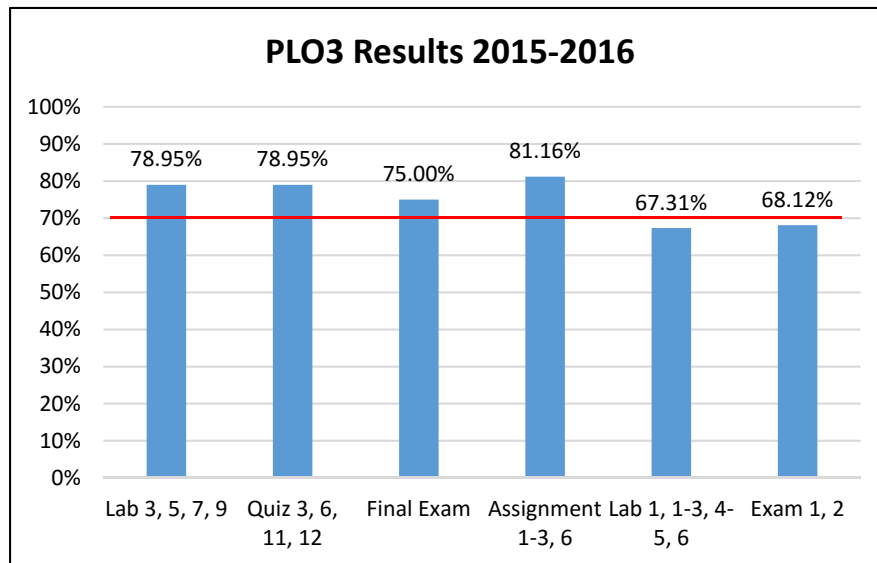
## Assessment Results



Use current techniques, skills, tools, and emerging technologies necessary for computing practices



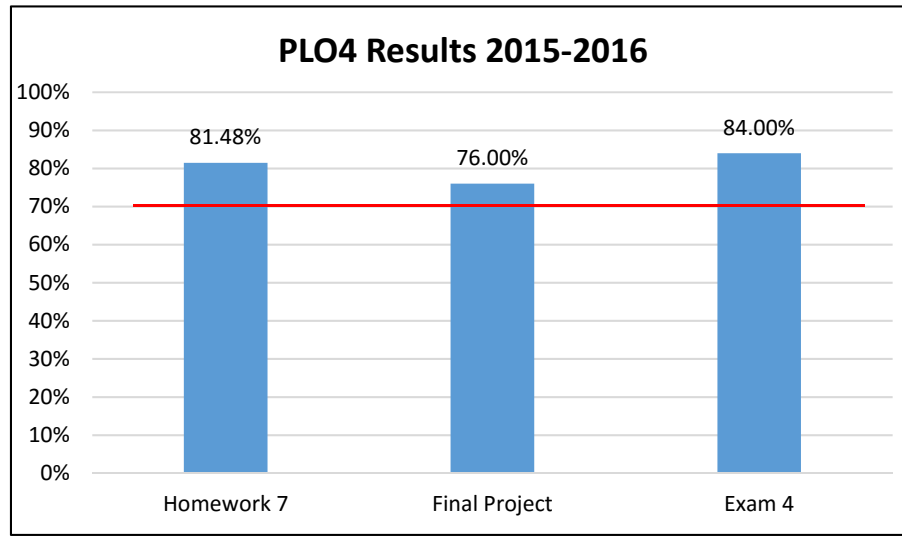
Apply critical thinking and problem solving skills in designing algorithms and programming code in various programming languages



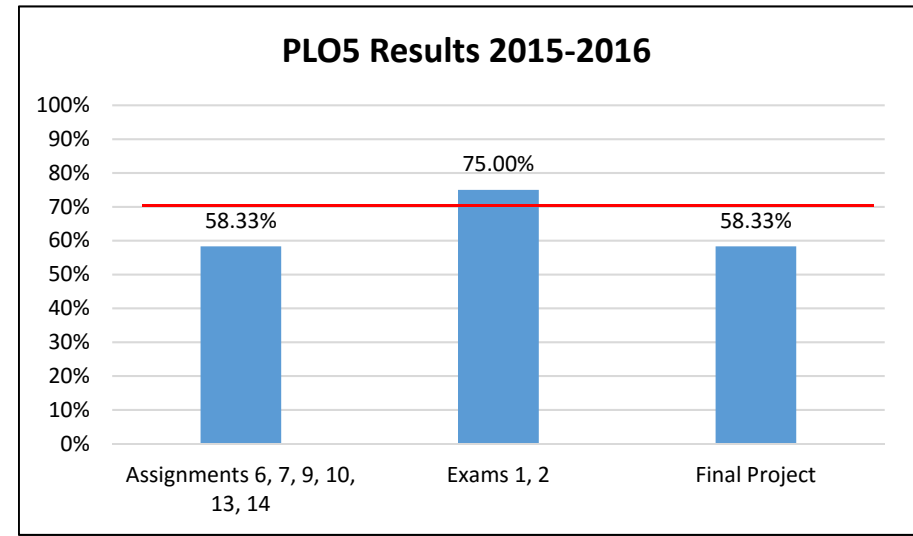
Demonstrate knowledge and understanding of computer hardware and networked environments



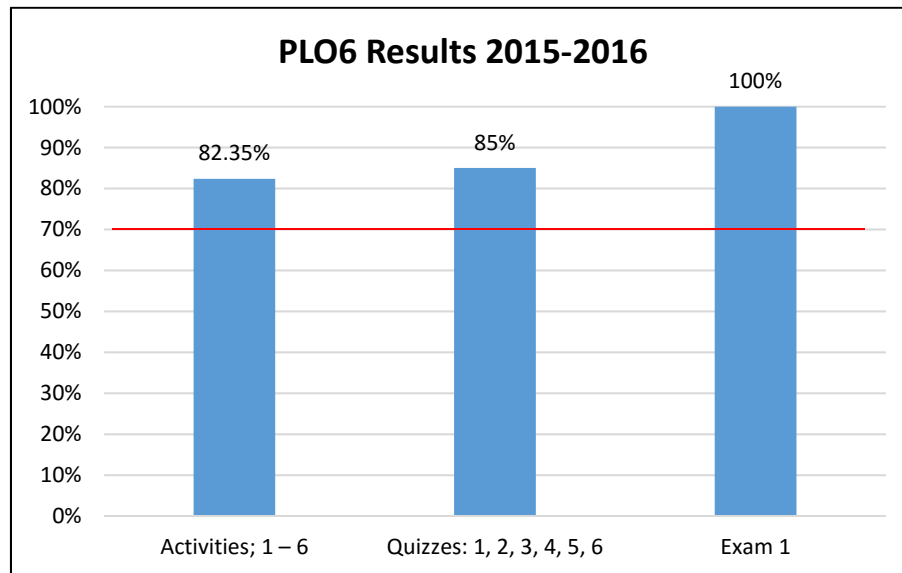
## Assessment Results



Demonstrate proficiency with Internet structure, organization, and Web site development

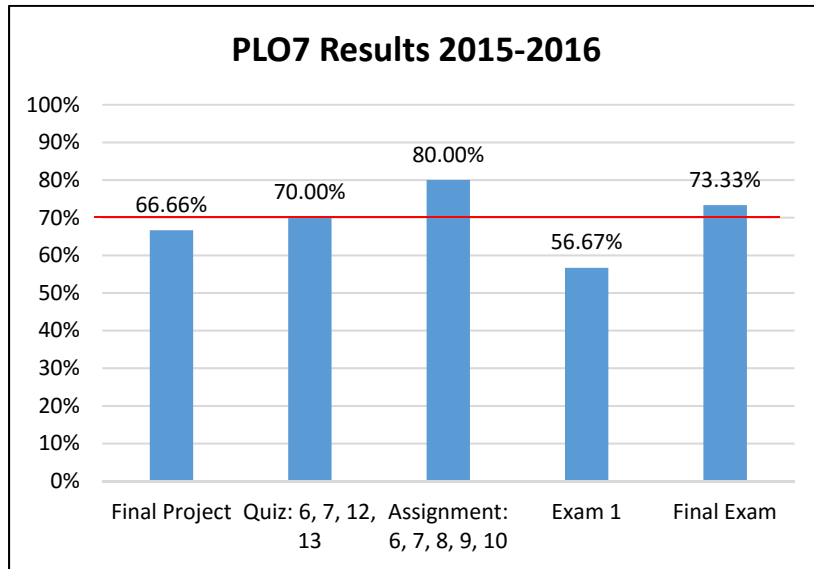


Design, implement and manage database applications

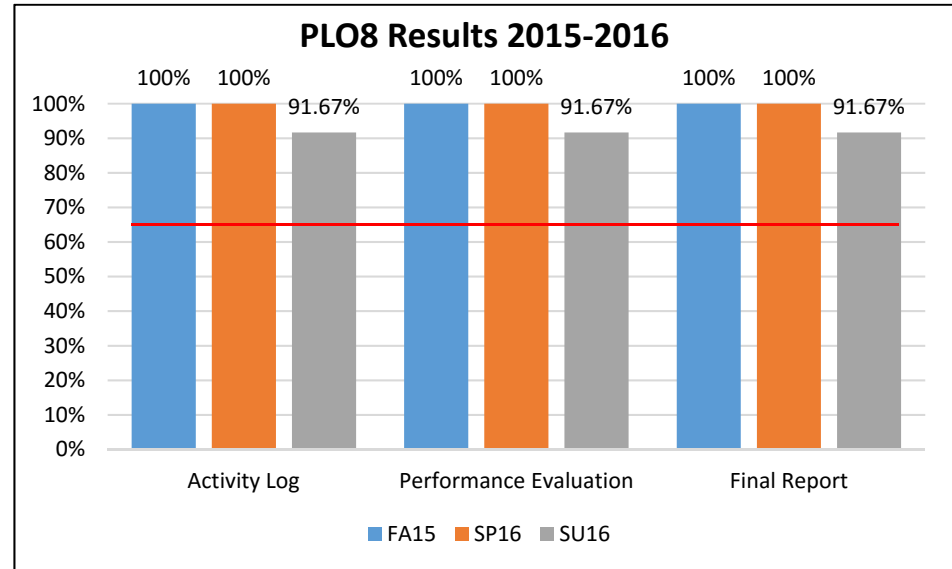


Communicate effectively with customers, supervisors and peers both orally and in writing, including technical training for users

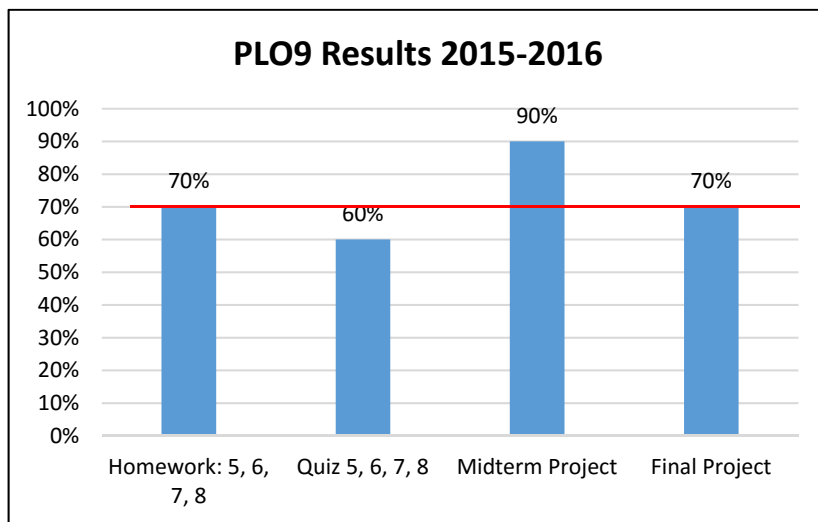
## Assessment Results



Ability to function as a member of a team in the solution of problems



Contribute to chosen field by gaining employment in a related field or by continuing professional development



Evaluate and practice ethical and professional behaviors in the area of computer programming and analysis

# Program Learning Outcomes

**AS Computer Information Technology, code 2067**

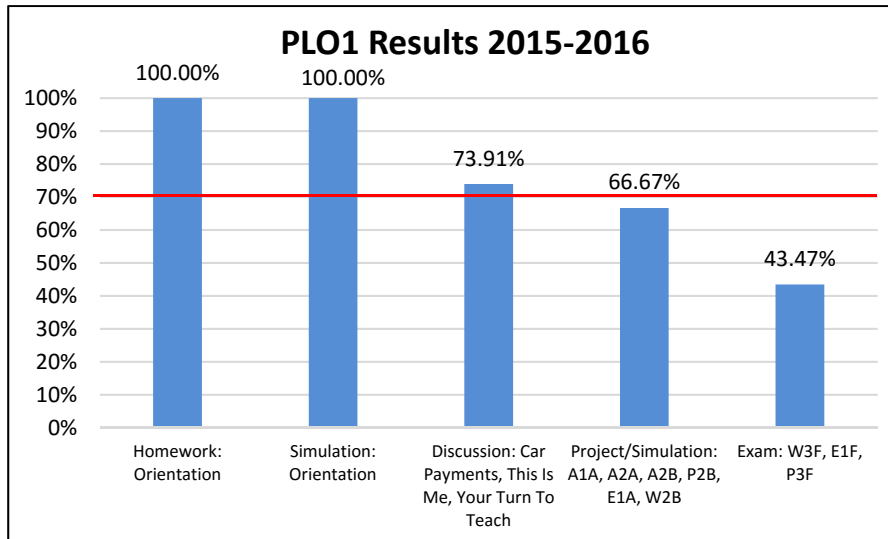
**Certificate Information Technology Analysis, code 0903**

**Certificate Information Technology Support Specialist, code 0905**

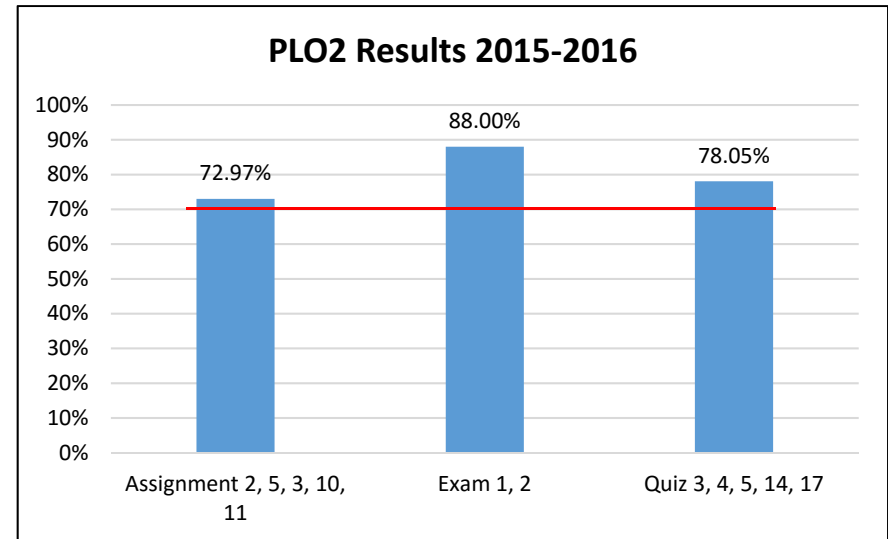
Graduates of the program will be able to:

1. Use current techniques, skills, tools, and emerging technologies necessary for computing practices.
2. Create information systems solutions for transactional, operational, managerial and executive problems.
3. Demonstrate knowledge and understanding of computer hardware and networked environments.
4. Demonstrate proficiency with Internet structure, organization, and Web site development.
5. Design, implement and manage database applications.
6. Communicate effectively with customers, supervisors and peers both orally and in writing, including technical training for users.
7. Participate and function as a member of a team in the solution of problems.
8. Contribute to chosen field by gaining employment in a related field or by continuing professional development.
9. Evaluate and practice ethical and professional behaviors in the area of computer information technology.

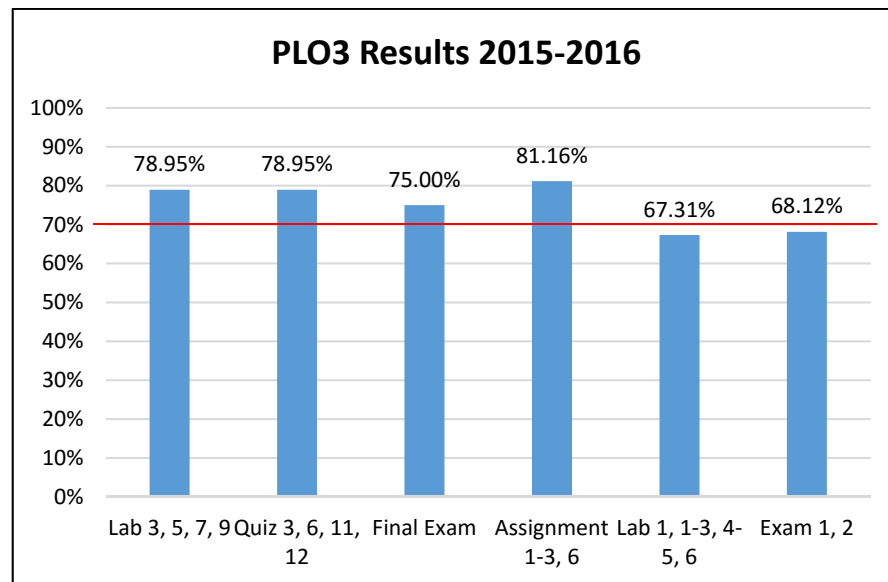
## Assessment Results



Use current techniques, skills, tools, and emerging technologies necessary for computing practices

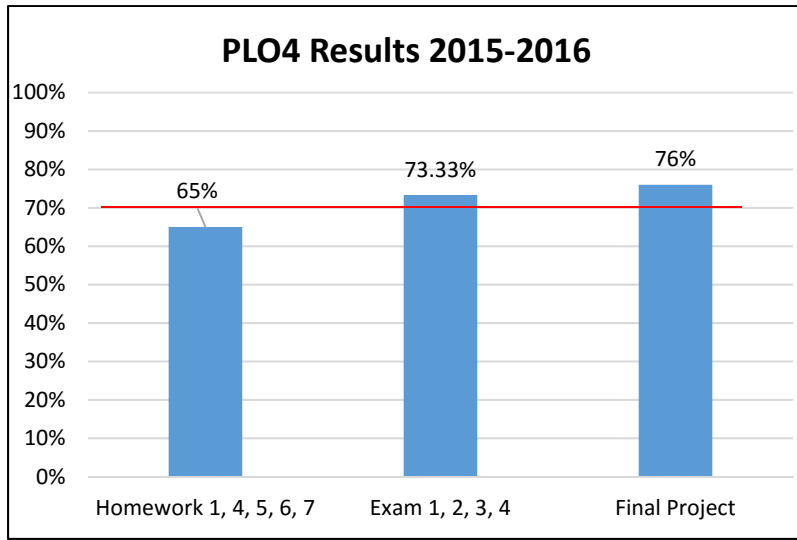


Create information systems solutions for transactional, operational, managerial and executive problems

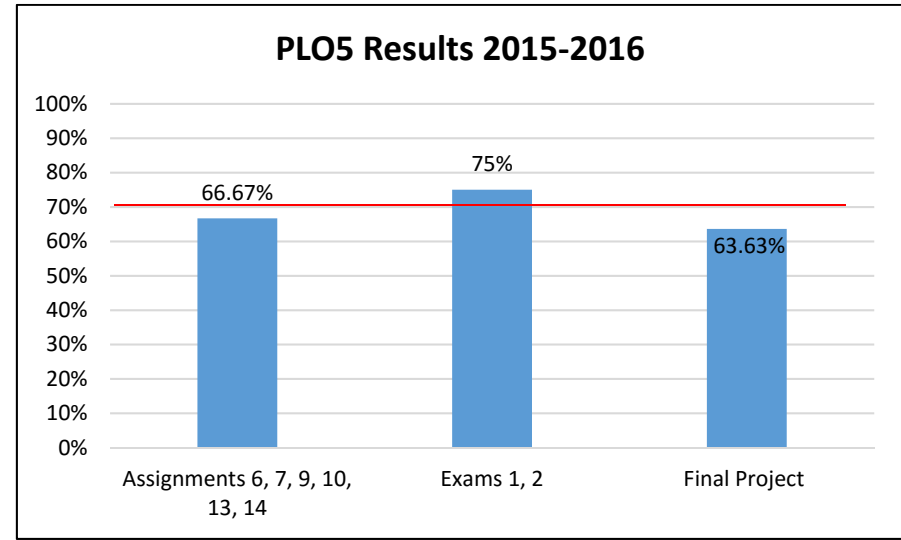


Demonstrate knowledge and understanding of computer hardware and networked environments

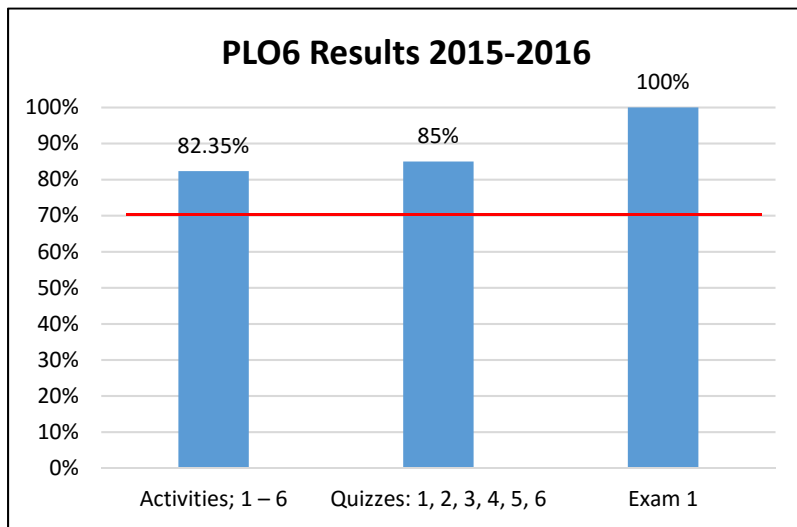
## Assessment Results



Demonstrate proficiency with Internet structure, organization, and Web site development

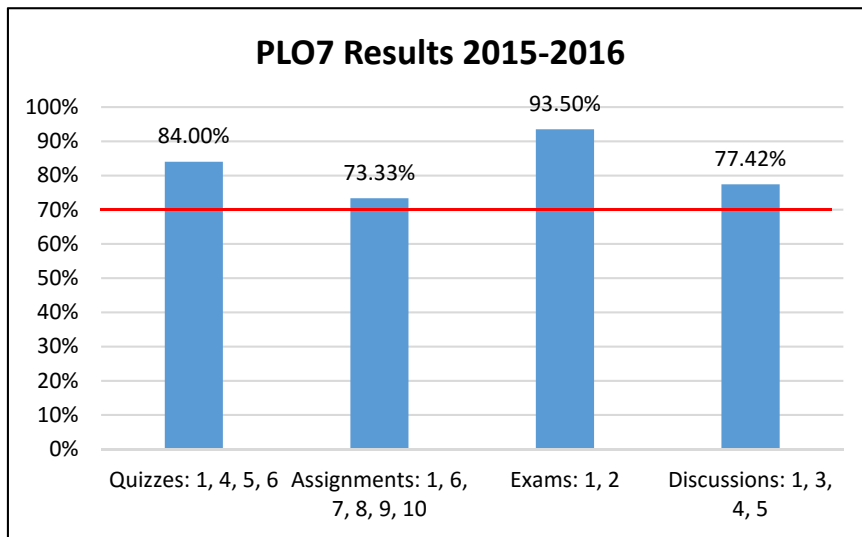


Design, implement and manage database applications

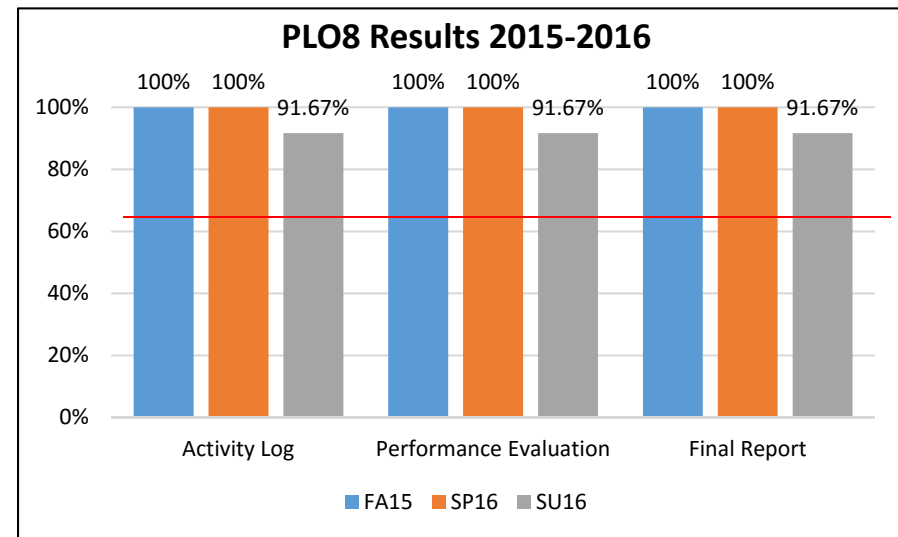


Communicate effectively with customers, supervisors and peers both orally and in writing, including technical training for users

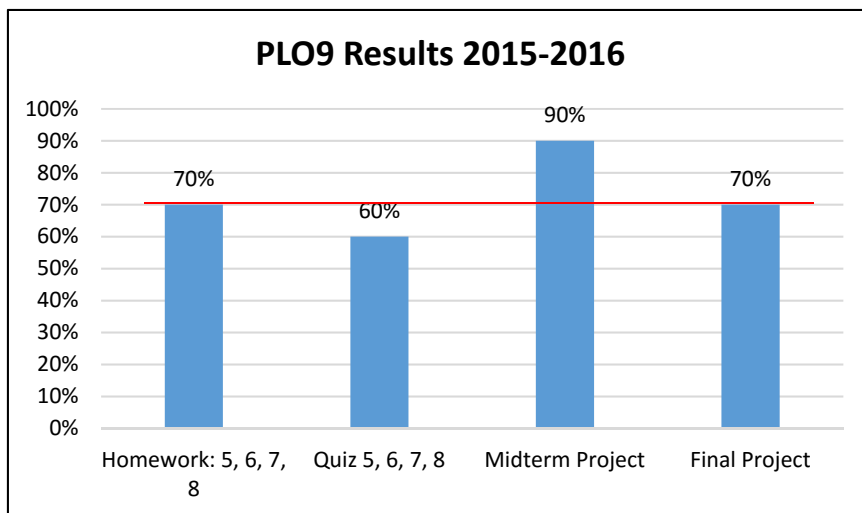
## Assessment Results



Participate and function as a member of a team in the solution of problems



Contribute to chosen field by gaining employment in a related field or by continuing professional development



Evaluate and practice ethical and professional behaviors in the area of computer information technology

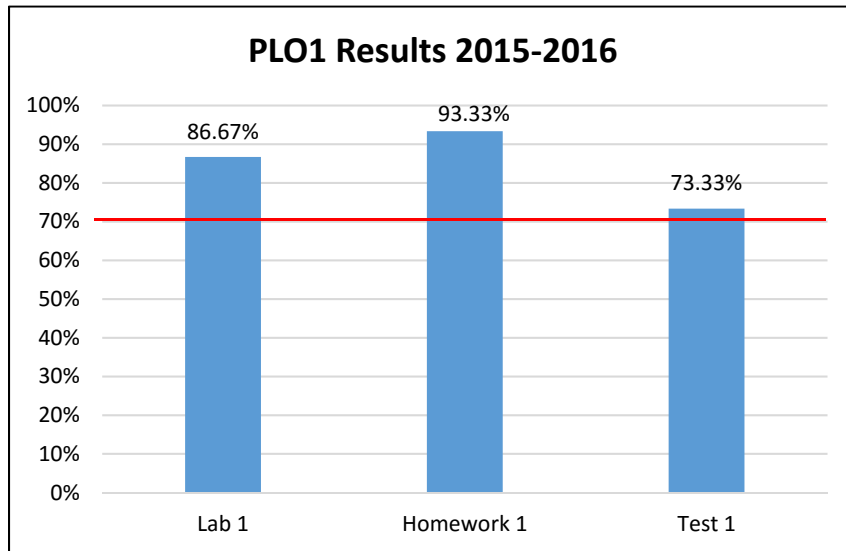
# Program Learning Outcomes

## **AS Simulation and Robotics Technology, code 2204**

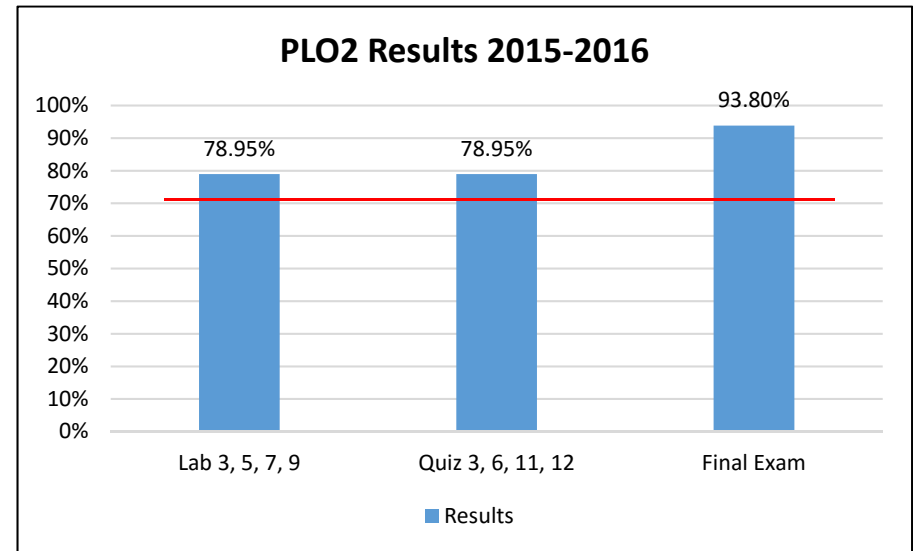
Graduates of the program will be able to:

1. Apply knowledge of mathematics, basic science, and engineering to solve problems encompassing the fundamental areas of simulation and robotics technology.
2. Apply knowledge of one or more disciplines to the operation and maintenance of simulation and robotics systems.
3. Identify and apply software solutions appropriate to simulation and robotics systems.
4. Conduct experiments to acquire needed data, and to analyze and interpret data to solve engineering technology problems.
5. Use computers and other modern tools and skills to solve technical problems.
6. Function as a member of a multidisciplinary team in the solution of engineering problems.
7. Demonstrate proficiency in communicating ideas and information orally and in writing.
8. Relate the need for, and an ability to learn new concepts as required within the field of simulation and robotics technology.
9. Comprehend ethical responsibility and professional integrity issues related to the practice of simulation and robotics technology.
10. Comprehend contemporary technological and societal issues, and the impact of technology on society in both a local and global context.

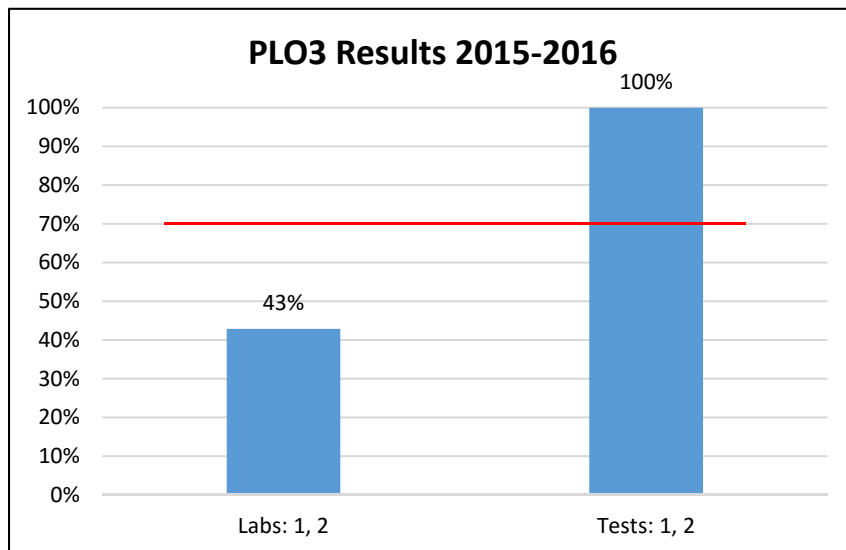
## Assessment Results



Apply knowledge of mathematics, basic science, and engineering to solve problems encompassing the fundamental areas of simulation and robotics technology



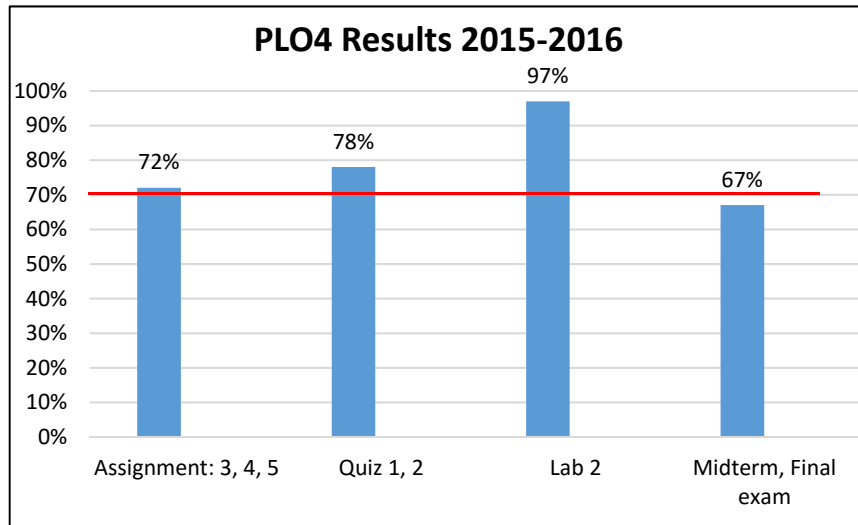
Apply knowledge of one or more disciplines to the operation and maintenance of simulation and robotics systems



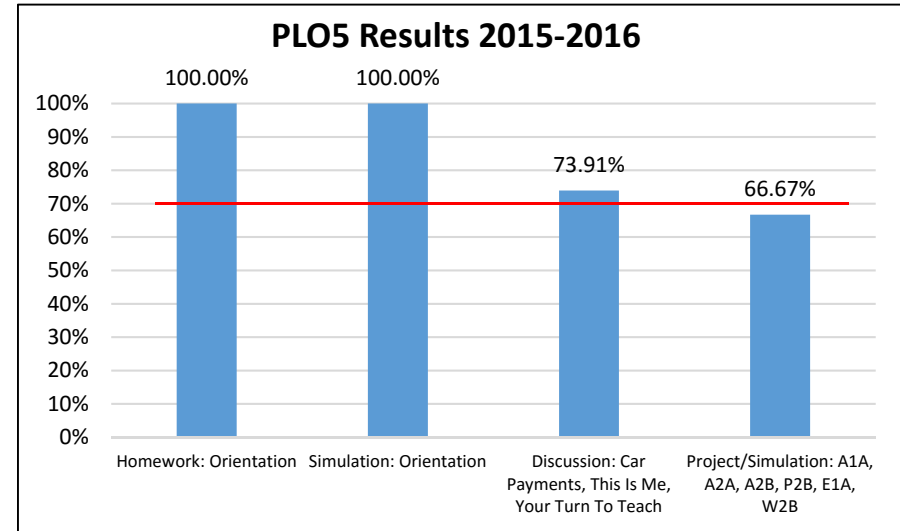
Identify and apply software solutions appropriate to simulation and robotics systems



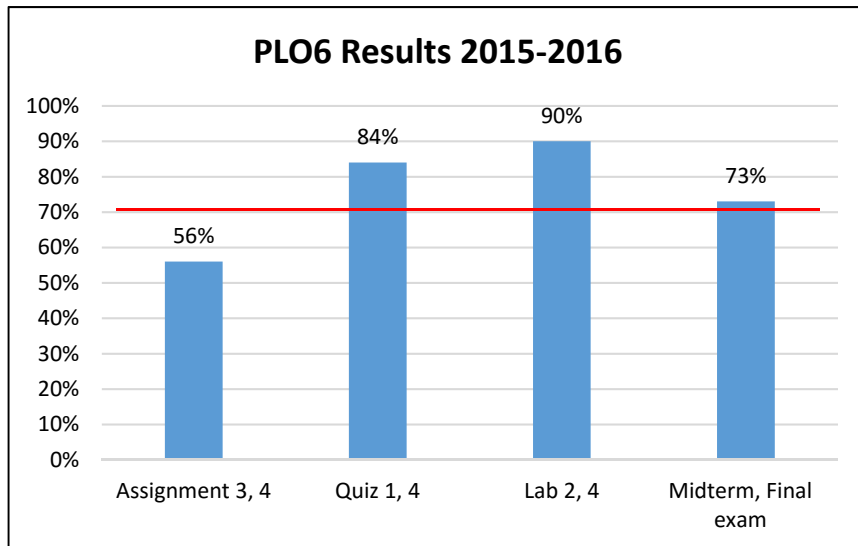
## Assessment Results



Conduct experiments to acquire needed data, and to analyze and interpret data to solve engineering technology problems

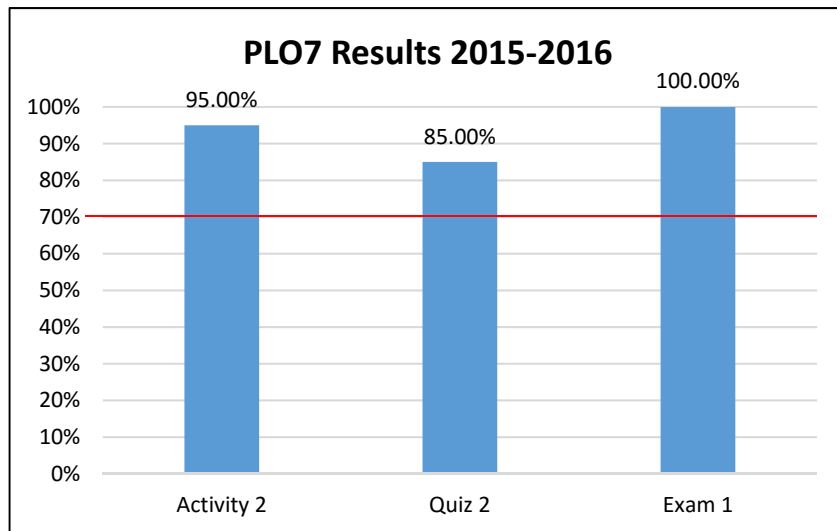


Use computers and other modern tools and skills to solve technical problems

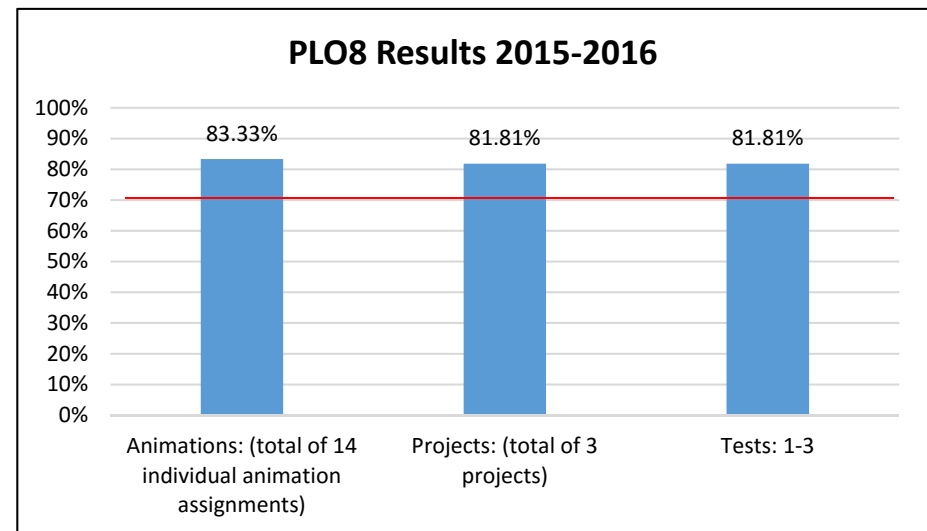


Function as a member of a multidisciplinary team in the solution of engineering problems

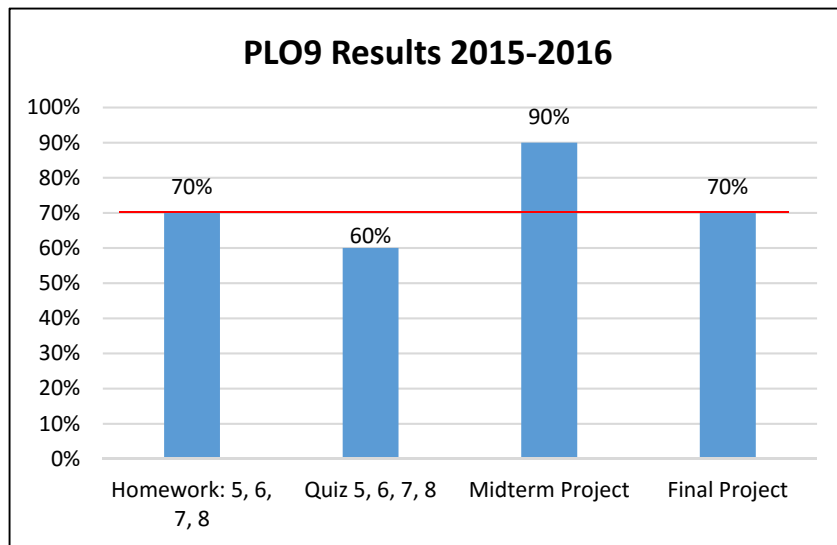
## Assessment Results



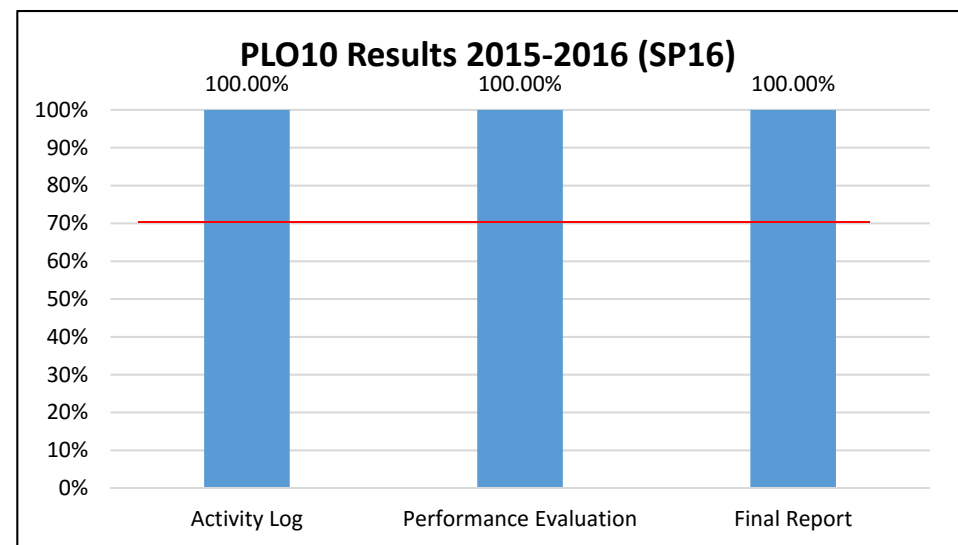
Demonstrate proficiency in communicating ideas and information orally and in writing



Relate the need for, and an ability to learn new concepts as required within the field of simulation and robotics technology



Comprehend ethical responsibility and professional integrity issues related to the practice of simulation and robotics technology



Comprehend contemporary technological and societal issues, and the impact of technology on society in both a local and global context

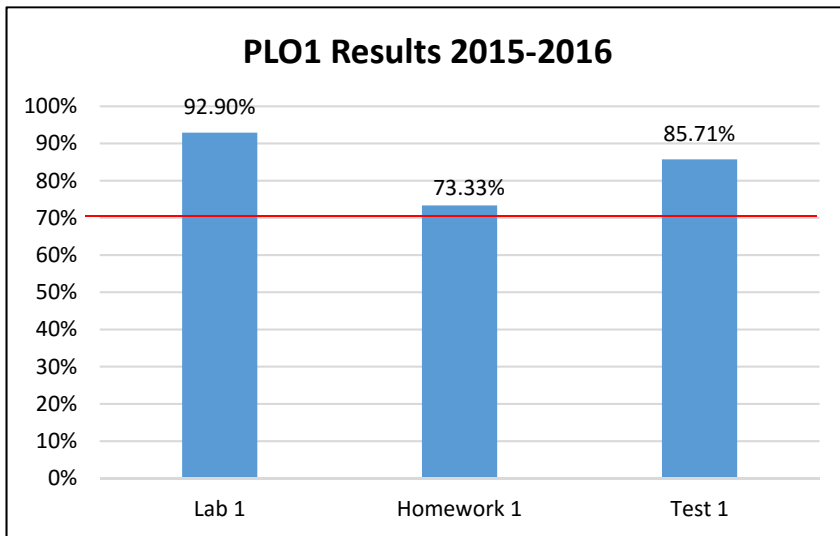
# Program Learning Outcomes

## AS Electronics Engineering Technology, code 2003

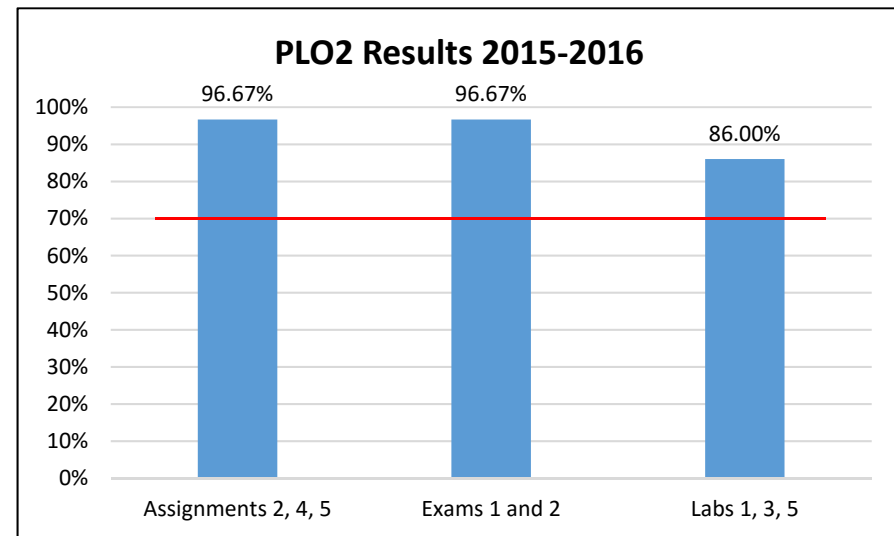
Graduates of the program will be able to:

1. Apply knowledge of mathematics, basic science, and engineering to solve problems encompassing the fundamental areas of electronic engineering technology.
2. Apply knowledge of one or more disciplines within electronic engineering technology to the solution of technical problems.
3. Identify and analyze applications of electrical components or systems to meet desired needs.
4. Create and conduct experiments to acquire needed data, and to analyze and interpret data to solve engineering technology problems.
5. Demonstrate proficiency in the use of computers and other modern tools and skills to solve technical problems.
6. Comply with and function as a member of a diverse multidisciplinary team in the solution of engineering problems.
7. Demonstrate proficiency in communicating ideas and information orally and in writing.
8. Relate the need for, and an ability to learn new concepts as required for the continuing practice of electronic engineering technology.
9. Comprehend ethical responsibility and professional integrity issues related to the practice of electronic engineering technology.
10. Comprehend contemporary technological and societal issues, and the impact of technology on society in both a local and global context.

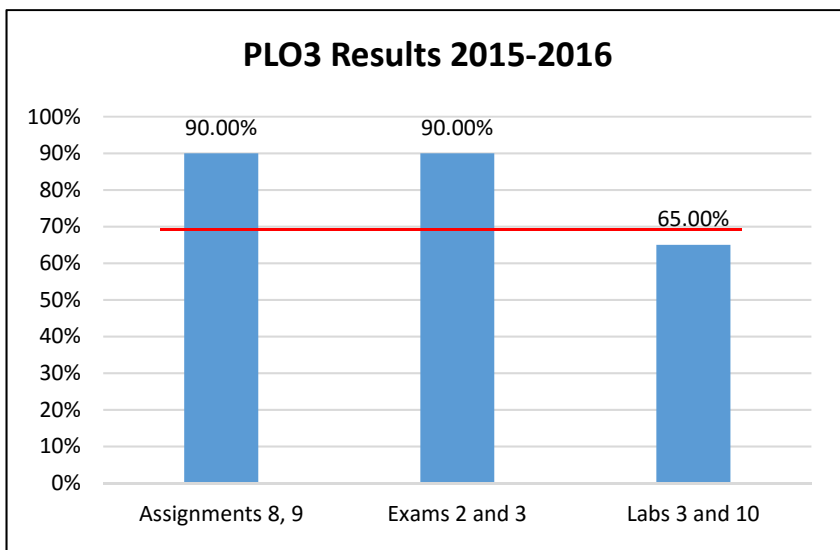
## Assessment Results



Apply knowledge of mathematics, basic science, and engineering to solve problems encompassing the fundamental areas of electronic engineering technology

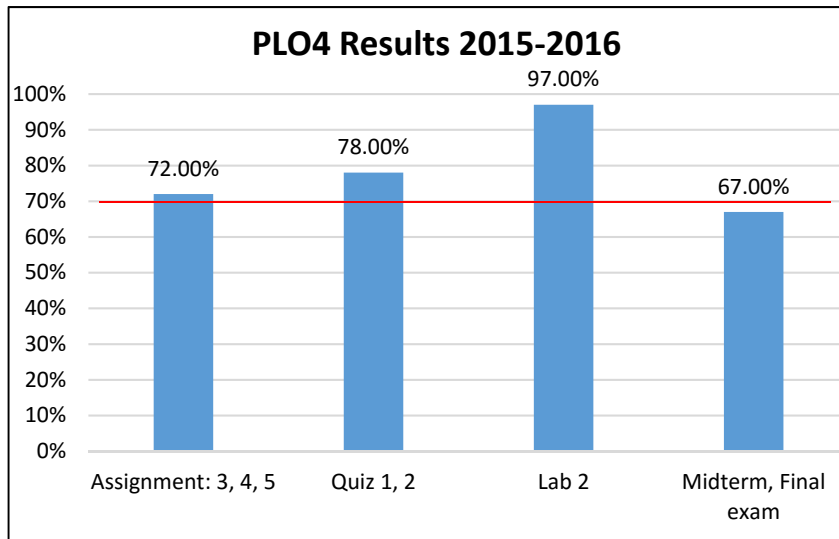


Apply knowledge of one or more disciplines within electronic engineering technology to the solution of technical problems

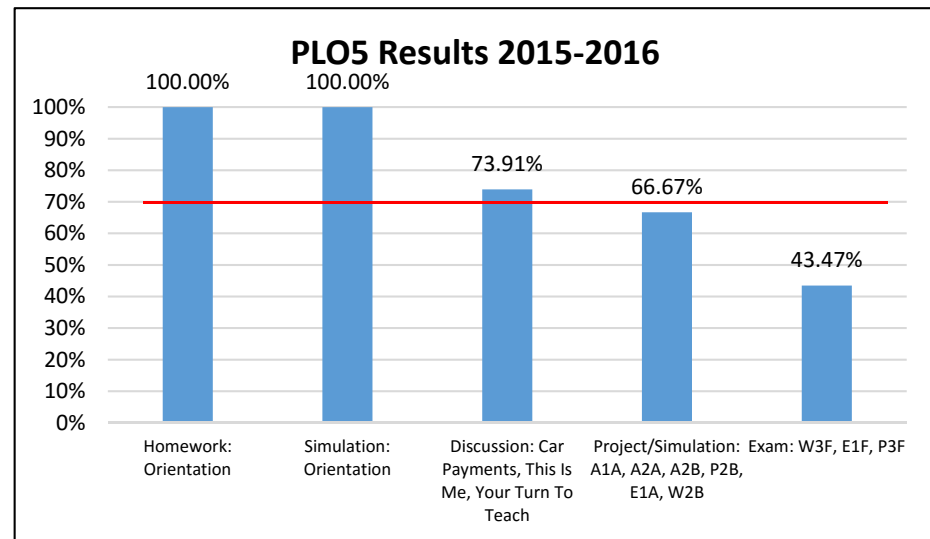


Identify and analyze applications of electrical components or systems to meet desired needs.

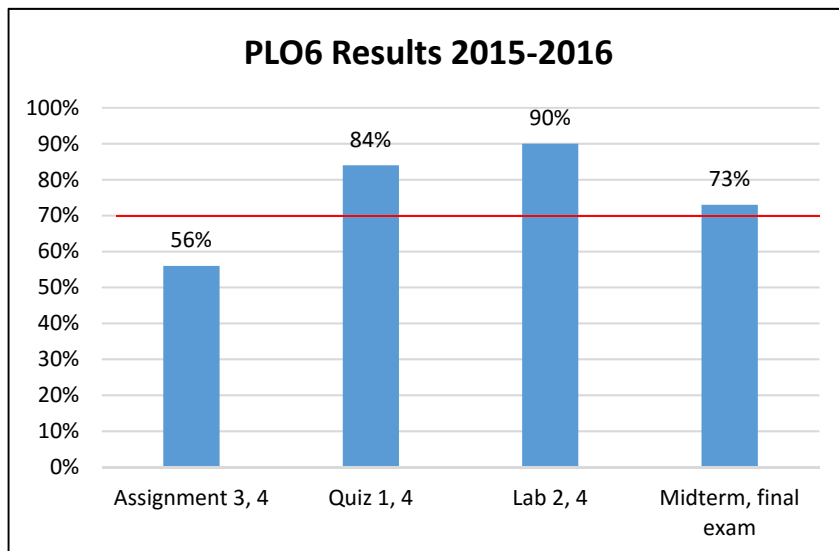
## Assessment Results



Create and conduct experiments to acquire needed data, and to analyze and interpret data to solve engineering technology problems

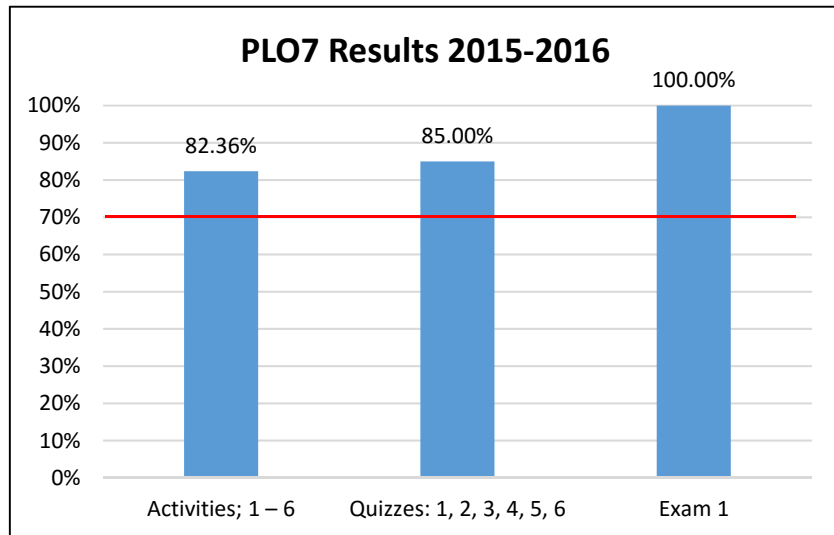


Demonstrate proficiency in the use of computers and other modern tools and skills to solve technical problems

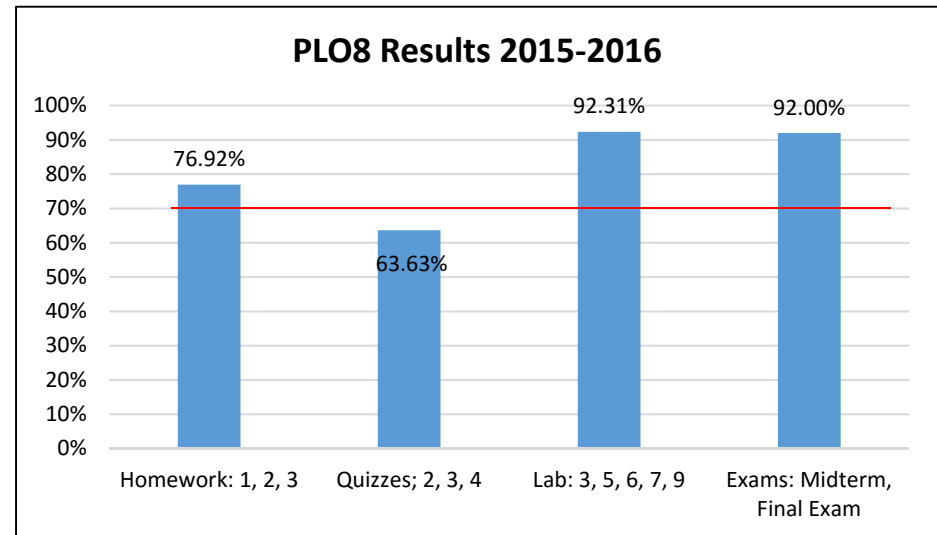


Comply with and function as a member of a diverse multidisciplinary team in the solution of engineering problems

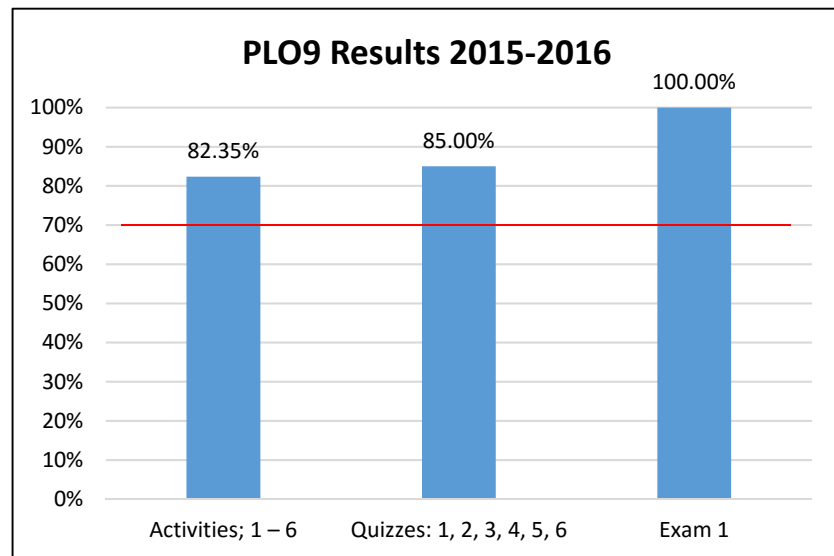
## Assessment Results



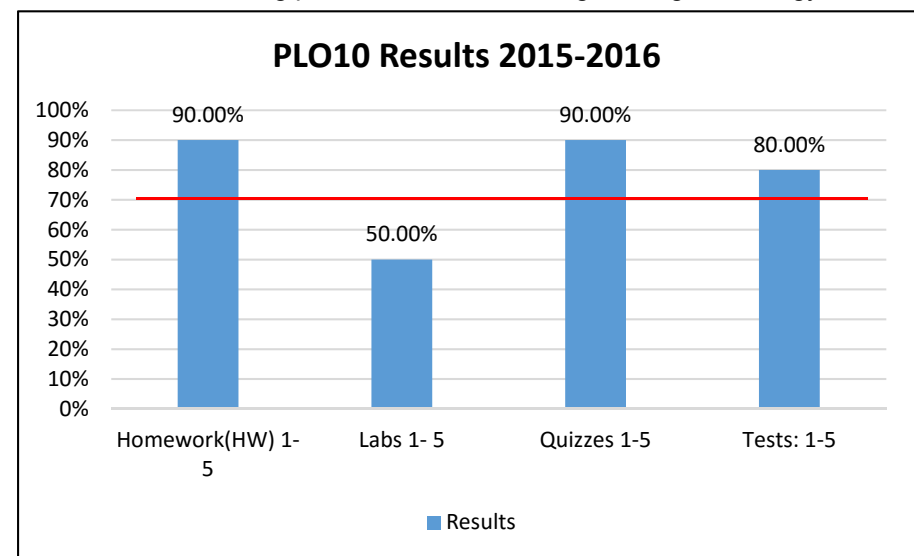
Demonstrate proficiency in communicating ideas and information orally and in writing



Relate the need for, and an ability to learn new concepts as required for the continuing practice of electronic engineering technology



Comprehend ethical responsibility and professional integrity issues related to the practice of electronic engineering technology



Comprehend contemporary technological and societal issues, and the impact of technology on society in both a local and global context

## Assessment Data 2014-2015 and 2015-2016: Programs and Institutional Learning Outcomes (1 of 2)

Program	Critical/ Creative Thinking		Communication		Cultural Literacy		Information and Technical Literacy	
	14/15	15/16	14/15	15/16	14/15	15/16	14/15	15/16
<a href="#">0908 - Advanced Network Infrastructure</a>	96.7%-100%	50%-100%	87.5%-93.7%	78.9%-95%	75%	82.2%-100%	80%-100%	66.6%-94.9%
<a href="#">0921 - Cable Installation</a>	96.7%-100%	50%-100%	87.5%-93.7%	78.9%-95%	75%	82.2%-100%	80%-100%	66.6%-94.9%
<a href="#">2013 - Computer Engineering Technology</a>	72%-86%	78%-86.7%	73%-86%	56%-99%	75%	76.5%-100%	100.00%	63.6%-100%
<a href="#">2067 - Computer Information Technology</a>	80%-88%	72.6%-88%	66.7%-93.7%	66.3%-81.2%	74%-78%	82.4%-100%	58%-81%	65%-76%
<a href="#">0938 - Computer Programming</a>	80%-88%	65.9%-90.2%	66.7%-93.7%	66.7%-85%	74%-78%	73.7%-95%	58%-81%	54.8%-80%
<a href="#">2047 - Computer Programming and Analysis (Software Engineering Technology)</a>	80%-88%	65.9%-90.2%	66.7%-93.7%	66.7%-85%	74%-78%	73.7%-95%	58%-81%	54.8%-80%
<a href="#">2003 - Electronics Engineering Technology</a>	72%-95%	73.3%-86.7	73%-86%	56%-99%	75%	82.4%-100%	100.00%	63.3%-100%
<a href="#">0902 - Information Technology Administration</a>	80%-88%	72.9%-97%	87.5%-93.7%	73.9%-100%	75%	94.4%-100%	58%-80%	65%-84%
<a href="#">0903 - Information Technology Analysis</a>	80%-88%	72.6%-88%	66.7%-93.7%	66.3%-81.2%	74%-78%	82.4%-100%	58%-81%	65%-76%
<a href="#">0905 - Information Technology Support Specialist</a>	80%-88%	72.6%-88%	66.7%-93.7%	66.3%-81.2%	74%-78%	82.4%-100%	58%-81%	65%-76%
<a href="#">2005 - Internet Services Technology</a>	80%-88%	72.9%-97%	87.5%-93.7%	73.9%-100%	75%	94.4%-100%	58%-80%	65%-84%

## Assessment Data 2014-2015 and 2015-2016: Programs and Institutional Learning Outcomes (2 of 2)

Program	Critical/ Creative Thinking		Communication		Cultural Literacy		Information and Technical Literacy	
	14/15	15/16	14/15	15/16	14/15	15/16	14/15	15/16
<a href="#">0907 - Microcomputer Repairer/Installer</a>	72%-86%	78%-86.7%	73%-86%	56%-99%	75%	76.5%-100%	100.00%	63.6%-100%
<a href="#">0923 - Network Communications (LAN)</a>	96.7%-100%	50%-100%	87.5%-93.7%	78.9%-95%	75%	82.2%-100%	80%-100%	66.6%-94.9%
<a href="#">0924 - Network Communications (WAN)</a>	96.7%-100%	50%-100%	87.5%-93.7%	78.9%-95%	75%	82.2%-100%	80%-100%	66.6%-94.9%
<a href="#">0922 - Network Infrastructure</a>	96.7%-100%	50%-100%	87.5%-93.7%	78.9%-95%	75%	82.2%-100%	80%-100%	66.6%-94.9%
<a href="#">0904 - Network Server Administration</a>	96.7%-100%	50%-100%	87.5%-93.7%	78.9%-95%	75%	82.2%-100%	80%-100%	66.6%-94.9%
<a href="#">0906 - Network Support Technician</a>	96.7%-100%	50%-100%	87.5%-93.7%	78.9%-95%	75%	82.2%-100%	80%-100%	66.6%-94.9%
<a href="#">2002 - Network Systems Technology</a>	96.7%-100%	50%-100%	87.5%-93.7%	78.9%-95%	75%	82.2%-100%	80%-100%	66.6%-94.9%
<a href="#">2204 - Simulation and Robotics Technology</a>	72%-77%	73.3%-93.3%	73%-86%	56% -90%	75%	82.4%-100%	100.00%	63.6%-92%
<a href="#">0909 - Web Development Specialist</a>	80%-88%	72.9%-97%	87.5%-93.7%	73.9%-100%	75%	94.4%-100%	58%-80%	65%-84%
<a href="#">0925 - Wireless Communications</a>	96.7%-100%	50%-100%	87.5%-93.7%	78.9%-95%	75%	82.2%-100%	80%-100%	66.6%-94.9%



# Course Success Rates (1 of 3)

Major	Course	2012-2013		2013-2014		2014-2015		2015-2016	
		Attempted	% Successful	Attempted	% Successful	Attempted	% Successful	Attempted	% Successful
2002- Network Systems Technology	CET1600	186	88%	176	82%	192	87%	240	73%
	CET2615	45	87%	17	100%	27	100%	18	100%
	CET2620	28	89%	25	100%	21	95%	7	100%
	CET2625			13	100%			10	100%
	CET2660	75	95%	73	92%	48	90%	37	92%
	CET2850	11	100%	10	100%			27	63%
	CGS2840			26	100%	19	100%		
	CIS2350	23	96%	29	93%	56	71%	70	74%
	CIS2381	13	77%	8	50%	12	83%	12	83%
	CTS2306	70	89%	70	87%	60	95%	95	82%
	CTS2320	15	100%	9	89%	15	93%	22	68%
	CTS2321	87	89%	76	86%	87	83%	100	66%
	CTS2328	32	100%	9	89%	9	89%	36	67%
	CTS2370			15	87%	38	82%	24	75%
<b>Major</b>		<b>585</b>	<b>90%</b>	<b>556</b>	<b>88%</b>	<b>584</b>	<b>87%</b>	<b>698</b>	<b>75%</b>
2003- Electronics Engineering Tech.	EET2142			6	100%	10	80%	8	88%
	EET2326			9	100%	10	80%	10	90%
	<b>Major</b>	<b>0</b>		<b>15</b>	<b>100%</b>	<b>20</b>	<b>80%</b>	<b>18</b>	<b>89%</b>
2005- Internet Services Technology	CGS2820	39	77%	43	79%	46	70%	40	80%
	CGS2821	28	75%	21	90%	21	86%	16	94%
	COP2842	21	71%	30	87%	36	86%	36	86%
	COP2850	12	75%	6	83%	11	100%	7	86%
	CTS1851	142	68%	150	59%	161	68%	151	69%
	<b>Major</b>	<b>242</b>	<b>71%</b>	<b>250</b>	<b>69%</b>	<b>275</b>	<b>73%</b>	<b>250</b>	<b>75%</b>
2013- Computer Engineering Technology	CET1112	46	72%	27	85%	39	64%	47	66%
	CET1178	16	100%						
	CET2123	33	70%	27	89%	3	100%	16	88%
	CET2154	223	84%	219	84%	255	82%	234	79%
	EET1011	57	86%	54	70%	67	79%	53	75%
	EET1021	40	75%	29	90%	35	94%	36	83%
	EET1141	37	68%	34	85%	30	80%	32	69%
	EET1607	82	85%	75	88%	63	81%	52	88%
	EET2949							7	100%
<b>Major</b>	<b>534</b>	<b>81%</b>	<b>465</b>	<b>84%</b>	<b>492</b>	<b>81%</b>	<b>713</b>	<b>78%</b>	

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 (2 of 3)

Major	Course	2012-2013		2013-2014		2014-2015		2015-2016	
		Attempted	% Successful	Attempted	% Successful	Attempted	% Successful	Attempted	% Successful
2047- Computer Programming & Analysis	CEN2002	40	53%	25	84%	29	83%	30	80%
	CET2949							10	90%
	CGS1060	205	77%	170	79%	117	77%	77	86%
	COP1000	385	69%	451	74%	488	71%	508	71%
	COP2001	127	61%	141	70%	110	69%	123	72%
	COP2220	93	63%	86	63%	73	52%	48	60%
	COP2360			19	58%	17	59%	32	63%
	COP2654			17	88%			13	54%
	COP2660			16	63%	12	92%	14	64%
	COP2700	100	36%	87	54%	92	55%	98	56%
	COP2800	115	64%	104	65%	173	68%	163	71%
	COP2805	14	71%						
	COP2905	23	96%						
	COP2949							38	100%
	CTS2141	11	91%						
	CTS2402	44	52%						
CTS2801	16	88%							
Major		1,173	66%	1,116	71%	1,111	69%	1,354	72%
2067- Computer information Technology	CGS2100	1,048	79%	1,043	82%	986	80%	951	79%
	CGS2512	27	89%	1	100%	28	89%	17	71%
	CIS2949							26	100%
	CTS2214	36	69%	32	78%	39	85%	38	74%
	CTS2431	14	64%	9	56%	14	79%	13	92%
	Major		1,125	79%	1,085	81%	1,067	80%	1,045

■ 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 (3 of 3)

Major	Course	2012-2013		2013-2014		2014-2015		2015-2016	
		Attempted	% Successful	Attempted	% Successful	Attempted	% Successful	Attempted	% Successful
2204- Simulation & Robotics	CAP1801	8	75%			7	57%	7	100%
	CAP2023	8	63%	29	76%	24	71%	26	58%
	CAP2949							1	100%
	ETM2315							2	100%
	Major	16	69%	29	76%	31	68%	36	71%
3517 - ??	DIG1109							99	58%
	DIG2100							52	62%
	Major							151	59%
1021 - ??	EGS1000							206	88%
	Total	3,675	76%	3,516	79%	3,580	77%	4,489	76%

■ 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 Campus – Multiple Campus Only

Major, Associated Courses and Campus		2012-2013		2013-2014		2014-2015		2015-2016	
		Attempted	% Successful	Successful	% Successful	Successful	% Successful	Successful	% Successful
2002- Network Systems Technology	Adv Tech College	153	88%	117	82%	113	86%	85	72%
	CET1600 DeLand	33	85%	27	82%	32	82%	33	91%
	Course	186	88%	144	82%	145	85%	118	77%
2005- Internet Services Technology	Adv Tech College	43	70%	30	73%	30	67%	42	69%
	CTS1851 New Smyrna Beach					3	75%	9	56%
	Course	43	70%	30	73%	33	67%	51	67%
2013- Computer Engineering Technology	Adv Tech College	11	100%						
	CET1178 DeLand	5	100%						
	Course	16	100%						
	Adv Tech College	163	85%	130	86%	119	84%	125	79%
CET2154	DeLand	32	75%	28	85%	34	77%	31	77%
	Flagler/Palm Cst	28	89%	10	91%	13	72%	12	83%
	Course	223	84%	168	86%	166	82%	168	79%
2047- Computer Programming & Analysis	Adv Tech College	149	70%	109	73%	90	64%	136	63%
	COP1000 DeLand	28	86%	44	85%	48	89%	45	82%
	Flagler/Palm Cst							24	79%
	Course	177	72%	153	76%	138	71%	205	69%
2067- Computer Information Technology	Daytona	397	82%	318	81%	263	83%	309	80%
	DeLand	68	91%	60	90%	48	83%	57	88%
	CGS2100 Deltona	25	96%	36	82%	38	88%	21	81%
	Flagler/Palm Cst	45	89%	47	87%	40	87%	47	77%
	New Smyrna Beach	31	74%	31	91%	23	74%	37	76%
	Course	566	84%	492	83%	412	83%	471	80%

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

Excludes fully online courses.

Source: IR Program Assessment Data

# Course Success Rates by Instructional Method – Multiple Methods Only (1 of 4)

Major, Associated Courses and Instructional Method			2012-2013		2013-2014		2014-2015		2015-2016	
			Attempted	% Successful	Attempted	% Successful	Attempted	% Successful	Attempted	% Successful
2002- Network Systems Technology	CET1600	Hybrid							21	57%
		Lecture	186	88%	176	82%	170	85%	97	81%
		Online					22	100%	122	70%
		Course	186	88%	176	82%	192	87%	240	73%
	CET2660	Hybrid	21	95%						
		Lecture	23	96%						
		Online	31	94%	73	92%	48	90%		
		Course	75	95%	73	92%	48	90%		
	CET2850	Lecture							11	55%
		Online							16	69%
		Course							27	63%
	CIS2350	DIS			1	100%				
		Lecture	23	96%	28	93%	15	67%	13	85%
		Online					41	73%	57	72%
	CIS2381	Course	23	96%	29	93%	56	71%	70	74%
		Hybrid	13	77%	8	50%	4	75%		
	CTS2306	Online							8	88%
		Course	13	77%	8	50%	12	83%		
		Hybrid							15	67%
	CTS2321	Lecture							32	78%
Online								48	90%	
Course								95	82%	
CTS2328	Hybrid	68	87%	47	85%	17	76%			
	Online	19	95%	29	86%	70	84%			
	Course	87	89%	76	86%	87	83%			
CTS2370	Hybrid							12	50%	
	Online							24	75%	
	Course							36	67%	
2003- Electronics Engineering Tech.	EET2142	DIS			6	100%	2	100%		
		Lecture	6	100%	11	100%				
		Course	6	100%	17	100%	2	100%		
	EET2326	DIS			3	100%				
Lecture				6	100%	10	80%			
	Course			9	100%	10	80%			



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 Instructional Method – Multiple Methods Only (2 of 4)

Major, Associated Courses and Instructional Method			2012-2013		2013-2014		2014-2015		2015-2016	
			Attempted	% Successful	Attempted	% Successful	Attempted	% Successful	Attempted	% Successful
2005- Internet Services Technology	CGS2821	DIS			1	100%				
		Online	28	75%	20	90%	21	86%		
		Course	28	75%	21	90%	21	86%		
	COP2842	DIS					1	100%		
		Lecture	21	71%					12	67%
		Online			30	87%	35	86%	24	96%
	Course	21	71%	30	87%	36	86%	36	86%	
	COP2850	DIS			1	100%				
		Online	12	75%	5	80%	11	100%		
	Course	12	75%	6	83%	11	100%			
	CTS1851	Hybrid					4	75%	9	56%
		Lecture	43	70%	41	73%	45	67%	42	69%
Online		99	68%	109	54%	112	68%	100	70%	
Course		142	68%	150	59%	161	68%	151	69%	
2013- Computer Engineering Technology	CET1112	Lecture	46	72%	27	85%				
		Online					39	64%		
		Course	46	72%	27	85%	39	64%		
	CET2123	DIS					3	100%	2	100%
		Hybrid	20	65%	10	100%				
		Lecture	13	77%	17	82%			14	86%
		Online								
	Course	33	70%	27	89%	3	100%	16	88%	
	CET2154	Hybrid	152	84%	145	86%	141	84%	114	81%
		Lecture	71	85%	50	86%	62	76%	54	76%
		Online			24	71%	52	81%	66	80%
		Course	223	84%	219	84%	255	82%	234	79%
	EET1011	Hybrid	33	91%						
		Lecture	24	79%	54	70%				
		Online					67	79%		
Course	57	86%	54	70%	67	79%				
EET1021	Lecture	40	75%	29	90%					
	Online					35	94%			
Course	40	75%	29	90%	35	94%				

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 Instructional Method – Multiple Methods Only (3 of 4)

Major, Associated Courses and Instructional Method			2012-2013		2013-2014		2014-2015		2015-2016		
			Attempted	% Successful	Attempted	% Successful	Attempted	% Successful	Attempted	% Successful	
2047- Computer Programming & Analysis	CEN2002	Hybrid						9	44%		
		Online						21	95%		
		Course						30	80%		
	CGS1060	Lecture	10	80%							
		Online	195	77%	170	79%	117	77%			
		Course	205	77%	170	79%	117	77%			
	COP1000	Hybrid	16	50%					39	74%	
		Lecture	161	75%	202	76%	195	71%	166	68%	
		Online	208	67%	249	72%	293	71%	303	72%	↑
		Course	385	69%	451	74%	488	71%	508	71%	
	COP2001	Hybrid	1	0%					24	83%	
		Online	126	62%	141	70%	110	69%	99	69%	
		Course	127	61%	141	70%	110	69%	123	72%	↑
	COP2220	DIS			1	100%					
		Lecture							18	72%	
		Online	93	63%	85	62%	73	52%	30	53%	↑
		Course	93	63%	86	63%	73	52%	48	60%	
	COP2700	Lecture							24	75%	
		Online							74	50%	
Course								98	56%		
COP2800	Lecture							39	77%		
	Online							124	69%		
	Course							163	71%		
CTS2402	Lecture	15	53%								
	Online	29	52%								
	Course	44	52%								

■ 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 Instructional Method – Multiple Methods Only (4 of 4)

Major, Associated Courses and Instructional Method			2012-2013		2013-2014		2014-2015		2015-2016		
			Attempted	% Successful	Attempted	% Successful	Attempted	% Successful	Attempted	% Successful	
2067- Computer Information Technology	CGS2100	Hybrid					27	63%	41	73%	↑
		Lecture	566	84%	593	83%	469	84%	430	81%	
		Online	482	74%	450	80%	490	76%	480	78%	↑
		Course	1048	79%	1043	82%	986	80%	951	79%	
	CGS2512	DIS			1	100%					
		Online	27	89%			28	89%			
		Course	27	89%	1	100%	28	89%			
2204- Simulation & Robotics	CAP2023	Lecture	8	63%							
		Online			29	76%	24	71%			
		Course	8	63%	29	76%	24	71%			
3517 - ??	DIG1109	Lecture							46	65%	
		Online							53	51%	
		Course							99	58%	
DSC	Hybrid		82%		81%		83%		81%		
	Lecture		77%		77%		78%		80%		
	Online		76%		75%		76%		78%		

■ 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 Multiple Session/Sub-session Only (1 of 6)

Major, Associated Courses and Sub-session				2012-2013		2013-2014		2014-2015		2015-2016	
				Attempted	% Successful	Attempted	% Successful	Attempted	% Successful	Attempted	% Successful
2002- Network Systems Technology	CET1600	FA	Full term	76	88%	91	86%	88	85%	112	73%
		SP	B term							23	61%
			Full term	86	85%	67	73%	81	89%	88	73%
		SU	Full term	24	96%	18	94%	23	87%	17	94%
		Course	186	88%	176	82%	192	87%	240	73%	↑
	CET2615	FA	Full term	23	78%	17	100%	18	100%		
		SP	Full term	22	95%			9	100%		
		Course		45	87%	17	100%	27	100%		
	CET2620	FA	Full term	16	81%	16	100%	12	92%		
		SP	Full term	12	100%	9	100%	9	100%		
		Course		28	89%	25	100%	21	95%		
	CET2660	FA	Full term	52	94%	40	90%	27	89%	20	90%
		SP	Full term	23	96%	33	94%	21	90%	17	94%
		Course		75	95%	73	92%	48	90%	37	92%
	CGS2840	FA	Full term			17	100%	19	100%		
		SP	Full term			9	100%				
		Course				26	100%	19	100%		
	CIS2350	FA	Full term	11	91%	16	88%	15	67%	32	78%
		SP	Full term	12	100%	12	100%	41	73%	24	58%
		SU	Full term			1	100%			14	93%
Course			23	96%	29	93%	56	71%	70	74%	
CTS2306	FA	Full term	36	86%	25	84%	23	100%	39	79%	
	SP	Full term	18	89%	29	86%	23	87%	49	84%	
	SU	Full term	16	94%	16	94%	14	100%	7	86%	
	Course		70	89%	70	87%	60	95%	95	82%	
CTS2321	FA	Full term	40	93%	28	82%	43	91%	54	67%	
	SP	Full term	47	85%	39	90%	44	75%	46	65%	
	SU	Full term			9	78%					
	Course		87	89%	76	86%	87	83%	100	66%	
CTS2328	FA	Full term	8	100%							
	SP	Full term	20	100%	9	89%	9	89%			
	SU	Full term	4	100%							
	Course		32	100%	9	89%	9	89%			
CTS2370	FA	Full term			9	89%	19	79%	12	83%	
	SP	Full term			6	83%	16	81%	11	64%	
	SU	Full term					3	100%	1	100%	
	Course				15	87%	38	82%	24	75%	

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 Multiple Session/Sub-session Only (2 of 6)

Major, Associated Courses and Sub-session			2012-2013		2013-2014		2014-2015		2015-2016	
			Attempted	% Successful	Attempted	% Successful	Attempted	% Successful	Attempted	% Successful
2003- Electronics Engineering Tech	EET2142	FA Full term			1	100%	1	100%		
		SP Full term	6	100%	11	100%	1	100%		
		SU Full term			5	100%				
	Course	6	100%	17	100%	2	100%			
	EET2326	FA Full term			6	100%	10	80%		
		SU Full term			3	100%				
Course				9	100%	10	80%			
2005- Internet Services Technology	CGS2820	FA Full term	20	55%	15	80%	19	74%	23	78%
		SP Full term	19	100%	28	79%	27	67%	17	82%
		Course	39	77%	43	79%	46	70%	40	80%
	CGS2821	FA Full term	10	70%	1	100%				
		SP Full term	18	78%	20	90%	21	86%		
		Course	28	75%	21	90%	21	86%		
	COP2842	FA Full term	21	71%	30	87%	35	86%		
		SP Full term					1	100%		
		Course	21	71%	30	87%	36	86%		
	COP2850	FA Full term	12	75%	5	80%				
		SP Full term			1	100%	11	100%		
		Course	12	75%	6	83%	11	100%		
	CTS1851	FA A term							29	69%
		FA Full term	59	68%	53	51%	83	65%	52	71%
		SP Full term	64	66%	70	64%	53	74%	48	65%
SU Full term		19	79%	27	63%	25	64%	22	73%	
Course		142	68%	150	59%	161	68%	151	69%	

■ 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 Multiple Session/Sub-session Only (3 of 6)

Major, Associated Courses and Sub-session				2012-2013		2013-2014		2014-2015		2015-2016	
				Attempted	% Successful	Attempted	% Successful	Attempted	% Successful	Attempted	% Successful
2013- Computer Engineering Technology	CET1112	FA	Full term	31	71%	15	87%	19	53%	23	57%
		SP	Full term	15	73%	12	83%	20	75%	24	75%
		Course		46	72%	27	85%	39	64%	47	66%
	CET2123	FA	Full term	13	77%	17	82%	3	100%	14	86%
		SP	Full term	20	65%	10	100%			2	100%
		Course		33	70%	27	89%	3	100%	16	88%
	CET2154	FA	Full term	106	82%	94	85%	124	78%	107	78%
		SP	Full term	82	82%	99	82%	110	82%	105	77%
		SU	Full term	35	97%	26	92%	21	100%	22	100%
		Course		223	84%	219	84%	255	82%	234	79%
	EET1011	FA	Full term	33	91%	32	59%	42	79%	30	77%
		SP	Full term	24	79%	22	86%	25	80%	23	74%
		Course		57	86%	54	70%	67	79%	53	75%
	EET1021	FA	Full term	18	83%	16	88%	10	100%	17	82%
		SP	Full term	22	68%	13	92%	25	92%	19	84%
		Course		40	75%	29	90%	35	94%	36	83%
	EET1141	FA	Full term	17	41%	18	83%	6	83%	15	60%
		SP	Full term	20	90%	16	88%	24	79%	17	76%
		Course		37	68%	34	85%	30	80%	32	69%
	EET1607	FA	Full term	37	81%	24	88%	20	80%	23	78%
SP		Full term	45	89%	34	85%	24	79%	11	91%	
SU		Full term			17	94%	19	84%	18	100%	
Course		82	85%	75	88%	63	81%	52	88%		
EET2949	FA	Full term			1	100%	4	75%	1	100%	
	SP	Full term			2	100%	1	100%	6	100%	
	SU	Full term			1	100%					
	Course				4	100%	5	80%	7	100%	

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 Multiple Session/Sub-session Only (4 of 6) 44

Major, Associated Courses and Sub-session			2012-2013		2013-2014		2014-2015		2015-2016	
			Attempted	% Successful	Attempted	% Successful	Attempted	% Successful	Attempted	% Successful
2047- Computer Programming & Analysis	CET2949	FA B term	1	100%	1	100%			1	100%
		FA Full term	5	100%	1	100%	1	100%	4	100%
		SP A term			1	100%				
		SP B term			1	100%				
		SU Full term	3	100%	5	100%	2	100%	2	50%
		Course	7	86%	6	100%	2	100%	3	100%
		Course	16	94%	15	100%	5	100%	10	90%
	CGS1060	FA A term							16	94%
		FA B term	30	63%	25	80%	19	53%	22	82%
		FA Full term	39	77%	26	88%	21	86%		
		SP A term	22	68%	26	96%	17	88%	18	89%
		SP B term	31	55%	17	71%	22	68%	11	73%
		SU Full term	27	81%	28	75%	11	82%		
	Course	56	98%	48	69%	27	85%	10	90%	
		Course	205	77%	170	79%	117	77%	77	86%
	COP1000	FA A term							35	86%
		FA B term							66	65%
		FA Full term	156	64%	181	69%	191	62%	145	67%
		SP A term			57	72%	59	85%	22	73%
		SP B term					19	63%	27	56%
		SU Full term	180	72%	147	77%	156	72%	140	75%
	Course	49	78%	66	83%	63	84%	73	74%	
		Course	385	69%	451	74%	488	71%	508	71%
	COP2001	SP B term			23	65%	19	53%	6	33%
		SU Full term	85	56%	68	71%	45	71%	68	66%
		Course	42	71%	50	72%	46	74%	49	84%
		Course	127	61%	141	70%	110	69%	123	72%
	COP2220	FA Full term	93	63%	85	62%	73	52%		
Course				1	100%					
	Course	93	63%	86	63%	73	52%			
COP2700	FA Full term	49	29%	43	51%	50	66%	54	46%	
	Course	51	43%	44	57%	42	43%	44	68%	
	Course	100	36%	87	54%	92	55%	98	56%	
COP2800	FA B term					17	88%	30	63%	
	FA Full term	61	67%	50	68%	55	58%	53	74%	
	SP A term							20	65%	
	SU B term					22	82%	18	72%	
Course	54	61%	54	63%	79	67%	42	74%		
	Course	115	64%	104	65%	173	68%	163	71%	

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 Multiple Session/Sub-session Only (5 of 6)

Major, Associated Courses and Sub-session				2012-2013		2013-2014		2014-2015		2015-2016	
				Attempted	% Successful	Attempted	% Successful	Attempted	% Successful	Attempted	% Successful
2047- Computer Programming & Analysis	COP2905	FA	Full term	6	83%						
		SP	Full term	13	100%						
		SU	Full term	4	100%						
		Course		23	96%						
	COP2949	FA	A term			1	100%	3	100%	2	100%
			B term	3	100%	1	100%	3	100%	2	100%
			Full term	3	100%	11	91%	6	83%	4	100%
		SP	A term			1	100%	2	100%		
			B term	1	100%					4	100%
			Full term	11	100%	12	100%	14	100%	11	100%
			SU	Full term	12	92%	10	90%	7	100%	15
	Course		30	97%	36	94%	35	97%	38	100%	
	CTS2402	FA	Full term	29	52%						
		SP	Full term	15	53%						
		Course		44	52%						
2067- Computer Information Technology	CGS2100	FA	A term	27	85%	25	92%	25	100%	28	86%
			B term	59	69%	57	79%	58	74%	80	74%
			Full term	367	80%	383	81%	372	78%	325	79%
		SP	A term	54	80%	54	76%	49	78%	46	83%
			B term	81	69%	54	76%	37	84%	89	75%
			Full term	281	79%	317	83%	279	82%	220	80%
			SU	Full term	179	87%	153	86%	166	77%	163
	Course		1048	79%	1043	82%	986	80%	951	79%	
	CGS2512	FA	Full term			1	100%	16	94%		
		SP	Full term	27	89%			12	83%		
		Course		27	89%	1	100%	28	89%		
	CIS2949	FA	A term	6	100%	1	100%			1	100%
			B term	3	100%	2	100%	4	100%	1	100%
			Full term	7	100%	6	100%	4	75%	6	100%
		SP	A term			4	100%			1	100%
B term			3	67%	2	100%	2	100%	1	100%	
Full term			17	100%	9	100%	10	100%	12	100%	
SU			Full term	10	90%	9	100%	10	100%	4	100%
Course		46	96%	33	100%	30	97%	26	100%		

■ 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 Multiple Session/Sub-session Only (6 of 6)

Major, Associated Courses and Sub-session			2012-2013		2013-2014		2014-2015		2015-2016	
			Attempted	% Successful	Attempted	% Successful	Attempted	% Successful	Attempted	% Successful
2204- Simulation & Robotics	CAP1801	FA Full term					7	57%		
		SP Full term	8	75%						
		Course	8	75%			7	57%		
	CAP2949	FA A term					2	100%		
		FA Full term			1	100%	1	100%		
		SP Full term	1	100%	1	100%				
		SU Full term			2	100%				
Course	1	100%	4	100%	3	100%				
1021- ???	EGS1000	FA A term							30	90%
		FA Full term							42	88%
		SP A term							47	85%
		SP Full term							38	87%
		SU							49	92%
Course							206	88%		
3517 - ???	DIG1109	FA Full term							55	56%
		SP Full term							44	59%
		Course							99	58%
	DIG2100	FA Full term							29	62%
		SP Full term							23	61%
Course							52	62%		

■ 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

## Average Class Size by Course (1 of 2)

Major and Associated Courses		2012-2013		2013-2014		2014-2015		2015-2016	
		Sections	Avg. Size	Sections	Avg. Size	Sections	Avg. Size	Sections	Avg. Size
2002 Network Systems Tech	CET1600	9	21	9	20	9	21	11	22
	CET2615	2	23	1	17	2	14	1	18
	CET2620	2	14	2	13	2	11	1	7
	CET2625			1	13			1	10
	CET2660	3	25	3	24	2	24	2	19
	CET2850	1	11	1	10			2	14
	CGS2840			2	13	1	19		
	CIS2350	2	12	2	14	3	19	4	18
	CIS2381	1	13	1	8	2	6	1	12
	CTS2306	5	14	5	14	3	20	5	19
	CTS2320	1	15	1	9	1	15	1	22
	CTS2321	4	22	5	15	4	22	4	25
	CTS2328	3	11	1	9	1	9	2	18
	CTS2370			2	8	3	13	2	12
	Major	33	18	36	15	33	18	37	19
2003 Electronics Engineering Tech	EET2142	1	6	1	11			1	8
	EET2326			1	6	1	10	1	10
	Major	1	6	2	9	1	10	2	9
2005 Internet Services Tech	CGS2820	2	20	2	22	2	23	2	20
	CGS2821	2	14	1	20	1	21	1	16
	COP2842	1	21	1	30	1	35	2	18
	COP2850	1	12	1	5	1	11	1	7
	CTS1851	7	20	6	25	7	23	7	22
	Major	13	19	11	23	12	23	13	19
2013 Computer Eng. Technology	CET1112	3	15	2	14	2	20	2	24
	CET1178	2	8						
	CET2123	2	17	2	14			1	14
	CET2154	12	19	12	18	11	23	12	20
	EET1011	4	14	3	18	3	22	3	18
	EET1021	2	20	2	15	3	12	2	18
	EET1141	2	19	2	17	2	15	2	16
	EET1607	5	16	4	19	3	21	3	17
	Major	32	17	27	17	24	20	25	19

To prevent data from skewing, the following instructional methods are excluded: Labs associated with lectures, Private/Performance, Clinicals, Co-op, DIS, Field trips and Internships.

Source: IR Program Assessment Data

## Average Class Size by Course (2 of 2)

Major and Associated Courses		2012-2013		2013-2014		2014-2015		223015-2016	
		Sections	Avg. Size	Sections	Avg. Size	Sections	Avg. Size	Sections	Avg. Size
2047 Computer Program Analysis	CEN2002	2	20	1	25	1	29	2	15
	CGS1060	8	26	7	24	6	20	5	15
	COP1000	16	24	18	25	19	26	21	24
	COP2001	6	21	6	24	5	22	6	21
	COP2220	3	31	3	28	3	24	2	24
	COP2360			1	19	1	17	1	32
	COP2654			1	17			1	13
	COP2660			1	16	1	12	1	14
	COP2700	4	25	4	22	4	23	4	25
	COP2800	4	29	4	26	6	29	7	23
	COP2805	1	14						
	COP2905	3	8						
	CTS2141	1	11						
	CTS2402	2	22						
	CTS2801	1	16						
	Major	51	23	46	24	46	24	62	21
2067 Computer Information Adm.	CGS2100	45	23	42	25	41	24	43	22
	CGS2512	1	27			2	14	1	17
	CTS2214	1	36	1	32	2	20	1	38
	CTS2431	1	14	1	9	1	14	1	13
		Major	48	23	44	25	46	23	46
2204 Simulation And Robotics	CAP1801	1	8			1	7	1	7
	CAP2023	1	8	1	29	1	24	1	26
		Major	2	8	1	29	2	16	2
1021 - ???	EGS1000							9	23
		Major						9	23
3517 - ???	DIG1109							4	25
	DIG2100							2	26
		Major						6	25

To prevent data from skewing, the following instructional methods are excluded: Labs associated with lectures, Private/Performance, Clinicals, Co-op, DIS, Field trips and Internships.

Source: IR Program Assessment Data



## Average Class Size by Instructional Method- Multiple Methods Only (1 of 3)

Major, Associated Courses and Instructional Method			2012-2013		2013-2014		2014-2015		2015-2016	
			Sections	Avg. Size	Sections	Avg. Size	Sections	Avg. Size	Sections	Avg. Size
2002 NETWORK SYSTEMS TECH	CET1600	Hybrid							1	21
		Lecture	9	21	9	20	8	21	5	19
		Online					1	22	5	24
		Course	9	21	9	20	9	21	11	22
	CET2660	Hybrid	1	21						
		Lecture	1	23						
		Online	1	31	3	24	2	24		
		Course	3	25	3	24	2	24		
	CET2850	Lecture							1	11
		Online							1	16
		Course							2	14
	CIS2350	Lecture	2	12	2	14	1	15	1	13
		Online					2	21	3	19
		Course	2	12	2	14	3	19	4	18
	CIS2381	Hybrid	1	13	1	8	1	4		
		Online					1	8		
		Course	1	13	1	8	2	6		
	CTS2306	Hybrid							1	15
		Lecture							2	16
		Online							2	24
Course								5	19	
CTS2321	Hybrid	3	23	4	12	1	17			
	Online	1	19	1	29	3	23			
	Course	4	22	5	15	4	22			
CTS2328	Hybrid							1	12	
	Online							1	24	
	Course							2	18	
2005 INTERNET SERVICES TECH	COP2842	Lecture	1	21					1	12
		Online			1	30	1	35	1	24
		Course	1	21	1	30	1	35	2	18
	CTS1851	Hybrid					1	4	1	9
		Lecture	2	22	2	21	2	23	2	21
		Online	5	20	4	27	4	28	4	25
		Course	7	20	6	25	7	23	7	22

To prevent data from skewing, the following instructional methods are excluded: Labs associated with lectures, Private/Performance, Clinicals, Co-op, DIS, Field trips and Internships.

## Average Class Size by Instructional Method- Multiple Methods Only (2 of 3)

Major, Associated Courses and Instructional Method			2012-2013		2013-2014		2014-2015		2015-2016	
			Sections	Avg. Size	Sections	Avg. Size	Sections	Avg. Size	Sections	Avg. Size
2013 COMPUTER ENG TECHNOLOGY	CET1112	Lecture	3	15	2	14				
		Online					2	20		
		Course	3	15	2	14	2	20		
	CET2123	Hybrid	1	20	1	10				
		Lecture	1	13	1	17				
		Course	2	17	2	14				
	CET2154	Hybrid	7	22	7	21	6	24	6	19
		Lecture	5	14	4	13	3	21	3	18
		Online			1	24	2	26	3	22
		Course	12	19	12	18	11	23	12	20
	EET1011	Hybrid	2	17						
		Lecture	2	12	3	18				
		Online					3	22		
		Course	4	14	3	18	3	22		
	EET1021	Lecture	2	20	2	15				
		Online					3	12		
		Course	2	20	2	15	3	12		
	2047 COMPUTER PROGRAM ANALYSIS	CEN2002	Hybrid							1
Online									1	21
Course									2	15
CGS1060		Lecture	1	10						
		Online	7	28	7	24	6	20		
		Course	8	26	7	24	6	20		
COP1000		Hybrid	1	16					2	20
		Lecture	7	23	9	22	8	24	8	21
		Online	8	26	9	28	11	27	11	28
		Course	16	24	18	25	19	26	21	24

To prevent data from skewing, the following instructional methods are excluded: Labs associated with lectures, Private/Performance, Clinicals, Co-op, DIS, Field trips and Internships.

## Average Class Size by Instructional Method- Multiple Methods Only (3 of 3)

Major, Associated Courses and Instructional Method			2012-2013		2013-2014		2014-2015		2015-2016	
			Sections	Avg. Size	Sections	Avg. Size	Sections	Avg. Size	Sections	Avg. Size
2047 COMPUTER PROGRAM ANALYSIS	COP2001	Hybrid	1	1					1	24
		Online	5	25	6	24	5	22	5	20
		Course	6	21	6	24	5	22	6	21
	COP2001								1	18
									1	30
									2	24
	COP2220								1	24
									3	25
									4	25
	COP2800								2	20
									5	25
									7	23
CTS2402	Lecture	1	15							
	Online	1	29							
	Course	2	22							
2067 COMPUTER INFORMATION ADM	CGS2100	Hybrid					1	27	3	14
		Lecture	27	21	25	24	22	21	20	22
		Online	18	27	17	26	18	27	20	24
		Course	45	23	42	25	41	24	43	22
2204 SIMULATION AND ROBOTICS	CAP2023	Lecture	1	8						
		Online			1	29	1	24		
		Course	1	8	1	29	1	24		
3517 - ???	DIG1109	Lecture							2	23
		Online							2	27
		Course							4	25

Source: IR Program Assessment Data

### College Total

Instructional Method	2012-2013	2013-2014	2014-2015	2015-2016
	Avg. Size	Avg. Size	Avg. Size	Avg. Size
Hybrid	22	22	22	21
Lecture	23	23	23	22
Online	27	28	30	30
<b>College Total</b>	<b>24</b>	<b>24</b>	<b>25</b>	<b>25</b>

To prevent data from skewing, excludes labs, OJT, clinicals, private/performance, open lab, co-op, directed independent study and internships.

## Performance Funding - Graduation Rates (1 of 4)

Major	Fall Cohort Year	# in Cohort	Graduated within 150% Time	150% Graduation Rate	Graduated within 200% Time	200% Graduation Rate
0902- Information Technology Administration	2012	0				
	2013	3	0	0.0%	0	0.0%
	2014	0				
	2015 – In progress	3	0	0.0%	0	0.0%
0903- Information Technology Analysis	2012	1	0	0.0%	0	0.0%
	2013	1	1	100.0%	1	100.0%
	2014	4	0	0.0%	0	0.0%
	2015 – In progress	8	0	0.0%	0	0.0%
0904- Network Server Administration	2012	3	1	33.3%	1	33.3%
	2013	3	0	0.0%	1	33.3%
	2014	1	0	0.0%	0	0.0%
	2015 – In progress	3	0	0.0%	0	0.0%
0905- Information Technology Support Specialist	2012	1	0	0.0%	0	0.0%
	2013	3	0	0.0%	0	0.0%
	2014	5	2	40.0%	2	40.0%
	2015 – In progress	3	0	0.0%	0	0.0%
0906- Network Support Technician	2012	4	1	25.0%	2	50.0%
	2013	0				
	2014	4	2	50.0%	2	50.0%
	2015 – In progress	3	2	66.7%	2	66.7%
0907- Microcomputer Repairer/Installer	2012	1	0	0.0%	0	0.0%
	2013	0				
	2014	4	1	25.0%	1	25.0%
	2015 – In progress	0				

Less than College average (150%- 44.8%, 200%- 49.23%)

Fall terms include prior Summer term enrollment in major.

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

Source: IR Program Assessment Data

## Performance Funding - Graduation Rates (2 of 4)

Major	Fall Cohort Year	# in Cohort	Graduated within 150% Time	150% Graduation Rate	Graduated within 200% Time	200% Graduation Rate
0908- Advanced Network Infrastructure	2012	1	0	0.0%	0	0.0%
	2013	0				
	2014	2	0	0.0%	0	0.0%
	2015 – In progress	2	0	0.0%	0	0.0%
0909- Web Development Specialist	2012	10	3	30.0%	4	40.0%
	2013	11	0	0.0%	0	0.0%
	2014	9	0	0.0%	0	0.0%
	2015 – In progress	11	0	0.0%	0	0.0%
0921- Cable Installation	2012	1	0	0.0%	0	0.0%
	2013	0				
	2014	1	0	0.0%	0	0.0%
	2015 – In progress	0				
0922- Network Infrastructure	2012	5	2	40.0%	2	40.0%
	2013	1	0	0.0%	0	0.0%
	2014	1	0	0.0%	0	0.0%
	2015 – In progress	0				
0923- Network Communication (LAN)	2012	1	1	100.0%	1	100.0%
	2013	1	0	0.0%	0	0.0%
	2014	2	0	0.0%	0	0.0%
	2015 – In progress	1	0	0.0%	0	0.0%
0924- Network Communication (WAN)	2012	2	1	50.0%	2	100.0%
	2013	2	1	50.0%	1	50.0%
	2014	0				
	2015 – In progress	0				

Less than College average (150%- 44.8%, 200%- 49.23%)

Fall terms include prior Summer term enrollment in major.

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

Source: IR Program Assessment Data

## Performance Funding - Graduation Rates (3 of 4)

Major	Fall Cohort Year	# in Cohort	Graduated within 150% Time	150% Graduation Rate	Graduated within 200% Time	200% Graduation Rate
0925- Wireless Communication	2012	0				
	2013	1	1	100.0%	1	100.0%
	2014	0				
	2015 – In progress	0				
0938- Computer Programming	2012	4	0	0.0%	0	0.0%
	2013	17	1	5.9%	2	11.8%
	2014	15	0	0.0%	0	0.0%
	2015 – In progress	14	0	0.0%	0	0.0%
2002- Network Systems Technology	2010	47	12	25.5%	16	34.0%
	2011	29	8	27.6%	8	27.6%
	2012	45	16	35.6%	16	35.6%
	2013– In progress	33	12	36.4%	12	36.4%
2003- Electronics Engineering Technology	2010	29	0	0.0%	1	3.4%
	2011	18	1	5.6%	1	5.6%
	2012	23	0	0.0%	0	0.0%
	2013– In progress	16	3	18.8%	3	18.8%
2005- Internet Services Technology	2010	21	2	9.5%	2	9.5%
	2011	14	1	7.1%	1	7.1%
	2012	7	1	14.3%	1	14.3%
	2013– In progress	6	1	16.7%	1	16.7%

Less than College average (150%- 44.8%, 200%- 49.23%)

Fall terms include prior Summer term enrollment in major.

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

Source: IR Program Assessment Data

## Performance Funding - Graduation Rates (4 of 4)

Major	Fall Cohort Year	# in Cohort	Graduated within 150% Time	150% Graduation Rate	Graduated within 200% Time	200% Graduation Rate
2013- Computer Engineering Technology	2010	50	5	10.0%	7	14.0%
	2011	45	4	8.9%	5	11.1%
	2012	32	4	12.5%	4	12.5%
	2013– In progress	35	1	2.9%	1	2.9%
2047- Computer Programming & Analysis	2010	57	9	15.8%	11	19.3%
	2011	45	6	13.3%	7	15.6%
	2012	42	6	14.3%	6	14.3%
	2013– In progress	45	10	22.2%	10	22.2%
2067- Computer Information Technology	2010	46	10	21.7%	11	23.9%
	2011	38	3	7.9%	5	13.2%
	2012	35	3	8.6%	3	8.6%
	2013– In progress	29	6	20.7%	6	20.7%
2204- Simulation & Robotics Technology	2010	7	0	0.0%	0	0.0%
	2011	6	0	0.0%	0	0.0%
	2012	4	1	25.0%	1	25.0%
	2013– In progress	1	0	0.0%	0	0.0%

**Less than College average (150%- 44.8%, 200%- 49.23%)**

Fall terms include prior Summer term enrollment in major.

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

Source: IR Program Assessment Data

## Performance Funding - Retention Rates (1 of 4)

Programs		Registered	Exclusions	Adjusted Cohort	Retained by DSC		Retained by Program		Total Retained
					N	%	N	%	
0902 Information Tech Admin	2011	2	0	2	1	50.00%	0	0.00%	50.00%
	2013	3	0	3	1	33.33%	0	0.00%	33.33%
	2014	0							
0903 Information Tech Analysis	2011	2	1	1	1	100.00%	N/A		100.00%
	2012	1	0	1	0	0.00%	0	0.00%	0.00%
	2013	1	1	0	N/A				
	2014	5	0	5	3	60.00%	1	20.00%	80.00%
0904 Network Server Adm	2011	3	0	3	0	0.00%	0	0.00%	0.00%
	2012	3	0	3	0	0.00%	1	33.33%	33.33%
	2013	5	1	4	1	25.00%	2	50.00%	75.00%
	2014	3	1	2	1	50.00%	0	0.00%	50.00%
0905 Info Tech Support Specst	2011	3	0	3	0	0.00%	0	0.00%	0.00%
	2012	1	0	1	0	0.00%	0	0.00%	0.00%
	2013	6	1	5	1	20.00%	0	0.00%	20.00%
	2014	7	3	4	1	25.00%	0	0.00%	25.00%
0906 Network Support Tech	2011	4	1	3	1	33.33%	0	0.00%	33.33%
	2012	6	2	4	1	25.00%	1	25.00%	50.00%
	2013	2	1	1	0	0.00%	0	0.00%	0.00%
	2014	3	2	1	0	0.00%	0	0.00%	0.00%
0907 Microcomputer Repairer	2011	2	0	2	0	0.00%	2	100.00%	100.00%
	2012	4	1	3	0	0.00%	1	33.33%	33.33%
	2013	1	0	1	0	0.00%	1	100.00%	100.00%
	2014	5	1	4	1	25.00%	3	75.00%	100.00%

**Less than College average (FT- 60.48%, PT- 52.08%)**

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



## Performance Funding - Retention Rates (2 of 4)

Programs		Registered	Exclusions	Adjusted Cohort	Retained by DSC		Retained by Program		Total Retained
					N	%	N	%	
0908 Advanced Network Infra	2012	2	0	2	0	0.00%	1	50.00%	50.00%
	2013	2	0	2	0	0.00%	1	50.00%	50.00%
	2014	3	0	3	1	33.33%	0	0.00%	33.33%
0909 Web Develop. Specialist	2011	20	0	20	1	5.00%	8	40.00%	45.00%
	2012	23	4	19	4	21.05%	6	31.58%	52.63%
	2013	22	3	19	3	15.79%	6	31.58%	47.37%
	2014	18	2	16	3	18.75%	2	12.50%	31.25%
0921 Cable Installation	2012	1	0	1	0	0.00%	0	0.00%	0.00%
	2014	1	0	1	1	100.00%	0	0.00%	100.00%
	2015	1	0	1	1	100.00%	0	0.00%	100.00%
0922 Network Infrastructure	2011	3	0	3	2	66.67%	1	33.33%	100.00%
	2012	5	1	4	0	0.00%	3	75.00%	75.00%
	2013	4	1	3	1	33.33%	0	0.00%	33.33%
	2014	1	0	1	1	100.00%	0	0.00%	100.00%
0923 Network Comm. (Lan)	2011	1	0	1	0	0.00%	0	0.00%	0.00%
	2012	2	1	1	0	0.00%	1	100.00%	100.00%
	2013	2	0	2	0	0.00%	0	0.00%	0.00%
	2014	2	0	2	0	0.00%	0	0.00%	0.00%
0924 Network Comm. (Wan)	2012	2	0	2	1	50.00%	1	50.00%	100.00%
	2013	3	1	2	1	50.00%	1	50.00%	100.00%
	2014	1	0	1	0	0.00%	0	0.00%	0.00%

**Less than College average (FT- 60.48%, PT- 52.08%)**

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

## Performance Funding - Retention Rates (3 of 4)

Programs		Registered	Exclusions	Adjusted Cohort	Retained by DSC		Retained by Program		Total Retained
					N	%	N	%	
0925 Wireless Communications	2011	1	0	1	0	0.00%	1	100.00%	100.00%
	2012	2	1	1	0	0.00%	0	0.00%	0.00%
	2013	2	1	1	0	0.00%	0	0.00%	0.00%
	2014	0							
0938 Computer Programming	2011	16	1	15	1	6.67%	4	26.67%	33.33%
	2012	9	2	7	2	28.57%	1	14.29%	42.86%
	2013	21	2	19	3	15.79%	5	26.32%	42.11%
	2014	22	1	21	4	19.05%	10	47.62%	66.67%
2002 Network Systems Tech	2011	117	26	91	14	15.38%	36	39.56%	54.95%
	2012	117	24	93	19	20.43%	30	32.26%	52.69%
	2013	94	18	76	11	14.47%	36	47.37%	61.84%
	2014	77	15	62	0	0.00%	32	51.61%	51.61%
2003 Electronics Engin Tech	2011	47	6	41	6	14.63%	14	34.15%	48.78%
	2012	48	1	47	3	6.38%	15	31.91%	38.30%
	2013	37	3	34	8	23.53%	16	47.06%	70.59%
	2014	48	5	43	4	9.30%	18	41.86%	51.16%
2005 Internet Services Tech	2011	38	4	34	4	11.76%	14	41.18%	52.94%
	2012	30	4	26	3	11.54%	11	42.31%	53.85%
	2013	23	4	19	2	10.53%	7	36.84%	47.37%
	2014	24	5	19	6	31.58%	5	26.32%	57.89%

**Less than College average (FT- 60.48%, PT- 52.08%)**

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

## Performance Funding - Retention Rates (4 of 4)

Programs		Registered	Exclusions	Adjusted Cohort	Retained by DSC		Retained by Program		Total Retained
					N	%	N	%	
2013 Computer Eng Technology	2011	113	6	107	12	11.21%	48	44.86%	56.07%
	2012	108	15	93	22	23.66%	34	36.56%	60.22%
	2013	90	10	80	19	23.75%	28	35.00%	58.75%
	2014	67	6	61	10	16.39%	27	44.26%	60.66%
2047 Computer Program Analysis	2011	111	8	103	19	18.45%	41	39.81%	58.25%
	2012	116	15	101	15	14.85%	38	37.62%	52.48%
	2013	108	15	93	17	18.28%	40	43.01%	61.29%
	2014	117	16	101	19	18.81%	45	44.45%	63.37%
2067 Computer Information Adm.	2011	79	10	69	12	17.39%	31	44.93%	62.32%
	2012	84	8	76	12	15.79%	30	39.47%	55.26%
	2013	81	4	77	10	12.99%	30	38.96%	51.95%
	2014	89	11	78	14	17.95%	26	33.33%	51.28%
2204 Simulation And Robotics	2011	22	5	17	3	17.65%	5	29.41%	47.06%
	2012	20	2	18	2	11.11%	7	38.89%	50.00%
	2013	14	2	12	2	16.67%	6	50.00%	66.67%
	2014	14	2	12	1	8.33%	5	41.67%	50.00%

**Less than College average (FT- 60.48%, PT- 52.08%)**

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

## Performance Funding - Placement Rates (1 of 2)

Program Title	Major	2010/11		2011/12		2012/13		2013/14		Average Annual Salary
		DSC%	FCS%	DSC%	FCS%	DSC%	FCS%	DSC%	FCS%	
<a href="#">Advanced Network Infrastructure</a>	0908	100%	80%	83%	75%	50%	78%	100%	97%	\$**,***
<a href="#">Cable Installation</a>	0921	88%	93%	72%	67%	87%	80%	81%	71%	\$42,952
<a href="#">Computer Engineering Technology</a>	2013	62%	76%	60%	71%	78%	62%	64%	58%	\$**,***
<a href="#">Computer Information Technology</a>	2067	50%	73%	100%	80%	75%	59%	50%	63%	\$**,***
<a href="#">Computer Programming</a>	0938	50%	82%	63%	78%	75%	86%	92%	83%	\$**,***
<a href="#">Computer Programming and Analysis (Software Engineering Technology)</a>	2047	67%	80%	88%	82%	80%	83%	85%	84%	\$**,***
<a href="#">Electronics Engineering Technology</a>	2003	100%	77%	63%	81%	100%	78%	100%	83%	\$**,***
<a href="#">Information Technology Administration</a>	0902	100%	86%	100%	95%	100%	100%	88%	85%	\$**,***
<a href="#">Information Technology Analysis</a>	0903	79%	84%	75%	80%	100%	96%	78%	89%	\$**,***
<a href="#">Information Technology Support Specialist</a>	0905	83%	88%	92%	88%	94%	97%	86%	92%	\$ 33,824
<a href="#">Internet Services Technology</a>	2005	100%	81%	100%	78%	75%	55%	40%	59%	\$**,***

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

Performance Funding - Placement Rates (2 of 2)										
Program Title	Major	2010/11		2011/12		2012/13		2013/14		Average Annual Salary
		DSC%	FCS%	DSC%	FCS%	DSC%	FCS%	DSC%	FCS%	
<a href="#">Microcomputer Repairer/Installer</a>	0907	74%	92%	93%	91%	85%	88%	77%	83%	\$ 32,800
<a href="#">Network Communications (LAN)</a>	0923	77%	80%	82%	81%	82%	83%	81%	84%	\$34,364
<a href="#">Network Communications (WAN)</a>	0924	77%	77%	79%	79%	89%	89%	78%	78%	\$38,924
<a href="#">Network Infrastructure</a>	0922	79%	71%	79%	73%	76%	67%	100%	95%	\$ 32,988
<a href="#">Network Server Administration</a>	0904	77%	75%	76%	86%	100%	95%	90%	84%	\$**,***
<a href="#">Network Support Technician</a>	0906	77%	82%	89%	81%	96%	94%	86%	90%	\$31,788
<a href="#">Network Systems Technology</a>	2002	63%	71%	76%	75%	96%	96%	95%	95%	\$36,444
<a href="#">Simulation and Robotics Technology</a>	2204	75%	75%	71%	71%	0%	0%	100%	100%	\$**,***
<a href="#">Web Development Specialist</a>	0909	100%	85%	100%	68%	83%	54%	75%	68%	\$**,***
<a href="#">Wireless Communications</a>	0925	71%	80%	73%	83%	100%	97%	92%	93%	\$**,***

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

## Headcount by Major

Major	2012-2013	2013-2014	2014-2015	2015-2016
0902 - INFORMATION TECH ADMINIS	1	3	5	6
0903 - INFORMATION TECH ANALYSI	2	5	8	11
0904 - NETWORK SERVER ADM	7	5	3	4
0905 - INFO TECH SUPPORT SPECST	3	8	9	7
0906 - NETWORK SUPPORT TECH	8	2	5	5
0907 - MICROCOMPUTER REPAIRER	5	1	5	3
0908 - ADVANCED NETWORK INFRA	4	3	3	3
0909 - WEB DEVELOP. SPECIALIST	29	26	26	23
0921 - CABLE INSTALLATION	1	2	1	
0922 - NETWORK INFRASTRUCTURE	6	5	1	1
0923 - NETWORK COMM. (LAN)	1	2	3	3
0924 - NETWORK COMM. (WAN)	2	3	1	
0925 - WIRELESS COMMUNICATIONS	2	2		1
0938 - COMPUTER PROGRAMMING	19	30	30	34
2002 - NETWORK SYSTEMS TECH	132	116	120	110
2003 - ELECTRONICS ENGIN TECH	55	54	63	61
2005 - INTERNET SERVICES TECH	40	32	33	21
2013 - COMPUTER ENG TECHNOLOGY	132	112	98	104
2047 - COMPUTER PROGRAM ANALYSI	144	147	162	147
2067 - COMPUTER INFORMATION ADM	113	104	126	135
2204 - SIMULATION AND ROBOTICS	27	19	16	
<b>Total</b>	<b>707</b>	<b>662</b>	<b>690</b>	<b>645</b>

College Enrollment Decreased: 7.9%(12/13); 3%(13/14); 0.73%(14/15); 1.14% (15/16)

## Graduates in Major

Major	2012-2013	2013-2014	2014-2015	2015-2016
0902 - Information Tech Admin	19	11	19	9
0903 - Information Tech Analysis	20	22	14	13
0904 - Network Server Adm	15	12	8	5
0905 - Info Tech Support Specst	50	53	43	24
0906 - Network Support Tech	32	35	29	22
0907 - Microcomputer Repairer	49	47	37	36
0908 - Advanced Network Infra	8	3	3	3
0909 - Web Develop. Specialist	11	5	11	9
0921 - Cable Installation	23	22	17	16
0922 - Network Infrastructure	30	14	13	8
0923 - Network Comm. (Lan)	11	17	13	11
0924 - Network Comm. (Wan)	22	19	15	11
0925 - Wireless Communications	10	13	7	
0938 - Computer Programming	18	13	21	18
2002 - Network Systems Tech	29	27	18	26
2003 - Electronics Engin Tech	2	7	6	4
2005 - Internet Services Tech	8	6	9	7
2013 - Computer Eng Technology	13	16	13	6
2047 - Computer Program Analyisi	17	15	19	20
2067 - Computer Information Adm	11	8	13	14
2204 - Simulation And Robotics	2	2	3	1
<b>Total</b>	<b>400</b>	<b>367</b>	<b>331</b>	<b>263</b>

*Blank cells or missing years indicate no graduates.*

## Average Age by Program

Program	2012-2013	2013-2014	2014-2015	2015-2016
0902 - Information Tech Admin	48	28	27	46
0903 - Information Tech Analysis	46	38	38	35
0904 - Network Server Adm	29	34	41	25
0905 - Info Tech Support Specst	52	42	32	25
0906 - Network Support Tech	50	51	33	26
0907 - Microcomputer Repairer	34	27	23	25
0908 - Advanced Network Infra	29	30	34	34
0909 - Web Develop. Specialist	30	32	35	32
0921 - Cable Installation	34	42	35	
0922 - Network Infrastructure	38	35	23	21
0923 - Network Comm. (LAN)	23	25	31	29
0924 - Network Comm. (WAN)	55	38	51	
0925 - Wireless Communications	27	33		22
0938 - Computer Programming	27	29	28	29
2002 - Network Systems Tech	34	34	33	34
2003 - Electronics Engr. Tech	28	30	29	30
2005 - Internet Services Tech	32	34	36	35
2013 - Computer Engr. Technology	31	32	34	30
2047 - Computer Program Analysis	29	29	27	29
2067 - Computer Information Adm	35	36	34	31
2204 - Simulation And Robotics	30	34	38	

*Blank cells indicate no enrollment*

	2012-2013	2013-2014	2014-2015	2015-2016
<b>All Programs</b>	<b>32</b>	<b>32</b>	<b>32</b>	<b>31</b>
<b>Daytona State College</b>	<b>26.7</b>	<b>26.6</b>	<b>26.4</b>	<b>26</b>

Source: IR Program Assessment Data



## Gender

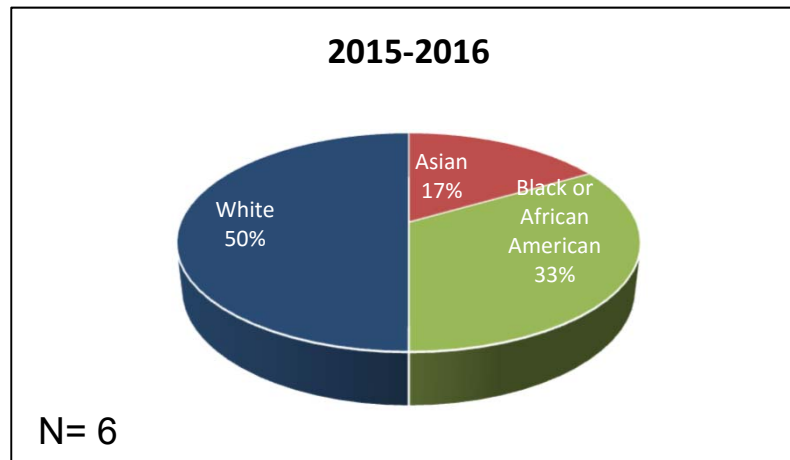
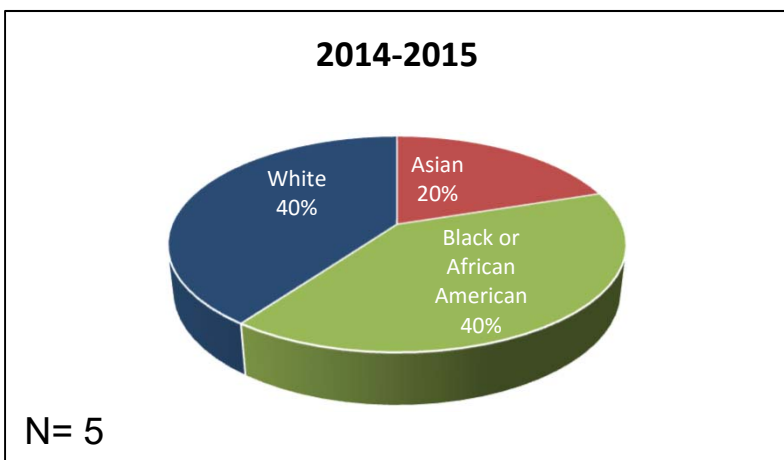
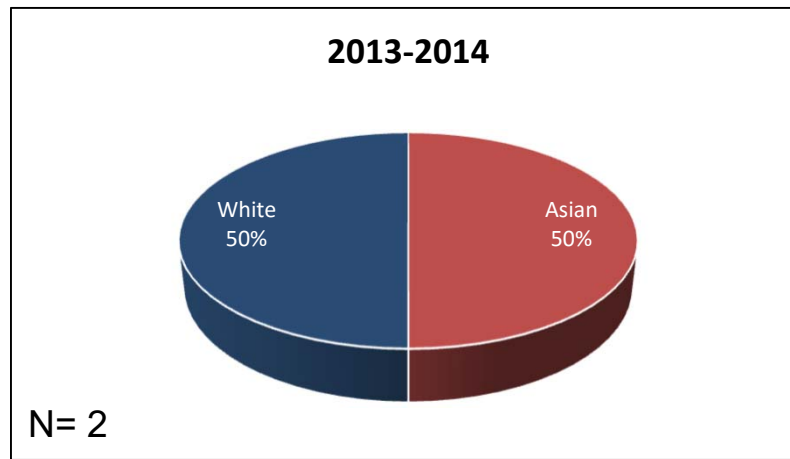
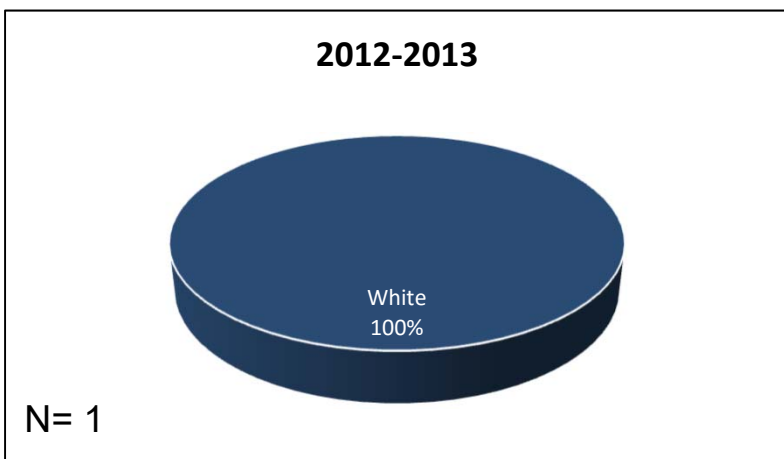
Program	2012-2013		2013-2014		2014-2015		2015-2016	
	Female	Male	Female	Male	Female	Male	Female	Male
0902 - Information Tech Admin		100%	33%	67%	20%	80%	17%	83%
0903 - Information Tech Analysis	50%	50%	60%	40%	38%	63%	55%	45%
0904 - Network Server Adm.	29%	71%	20%	80%		100%	25%	75%
0905 - Info Tech Support Specst.		100%		100%	22%	78%	29%	71%
0906 - Network Support Tech	13%	88%		100%		100%		100%
0907 - Microcomputer Repairer		100%		100%		100%		100%
0908 - Advanced Network Infra		100%		100%		100%		100%
0909 - Web Develop. Specialist	52%	48%	54%	46%	38%	62%	30%	70%
0921 - Cable Installation		100%		100%	100%			
0922 - Network Infrastructure		100%		100%		100%		100%
0923 - Network Comm. (Lan)		100%		100%		100%		100%
0924 - Network Comm. (Wan)		100%		100%		100%		
0925 - Wireless Communications		100%		100%				100%
0938 - Computer Programming	26%	74%	17%	83%	17%	83%	24%	76%
2002 - Network Systems Tech	13%	87%	12%	88%	14%	86%	15%	85%
2003 - Electronics Engin Tech	4%	96%	9%	91%	3%	97%	10%	90%
2005 - Internet Services Tech	35%	65%	28%	72%	30%	70%	38%	62%
2013 - Computer Eng Technology	18%	82%	17%	83%	15%	85%	12%	88%
2047 - Computer Program Analysis	17%	83%	17%	83%	19%	81%	20%	80%
2067 - Computer Information Adm	23%	76%	24%	76%	19%	81%	24%	76%
2204 - Simulation And Robotics	11%	89%	5%	95%	6%	94%		

Blank cells or missing years indicate no enrollment. Excludes individuals whose gender is not reported.

Major	2012-2013		2013-2014		2014-2015		2015-2016	
	Female	Male	Female	Male	Female	Male	Female	Male
Daytona State College	60%	40%	59%	41%	60%	40%	60%	40%

Source: IR Program Assessment Data

## Race / Ethnicity by Program 0902 - Information Technology Admin.

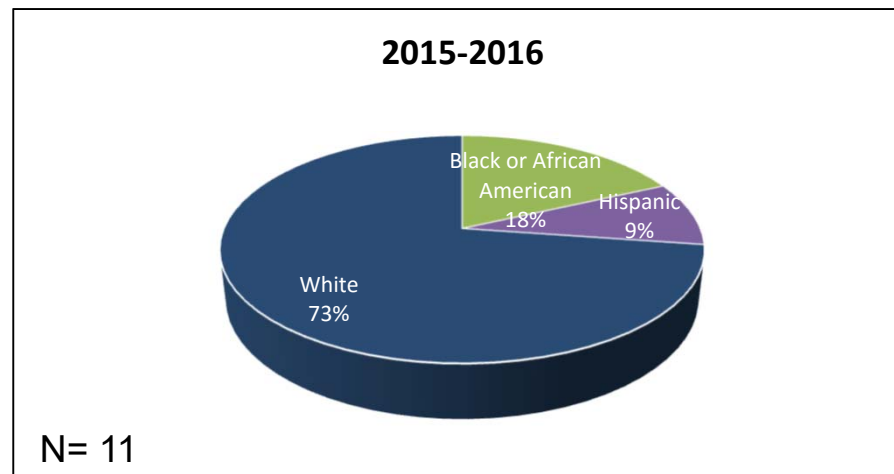
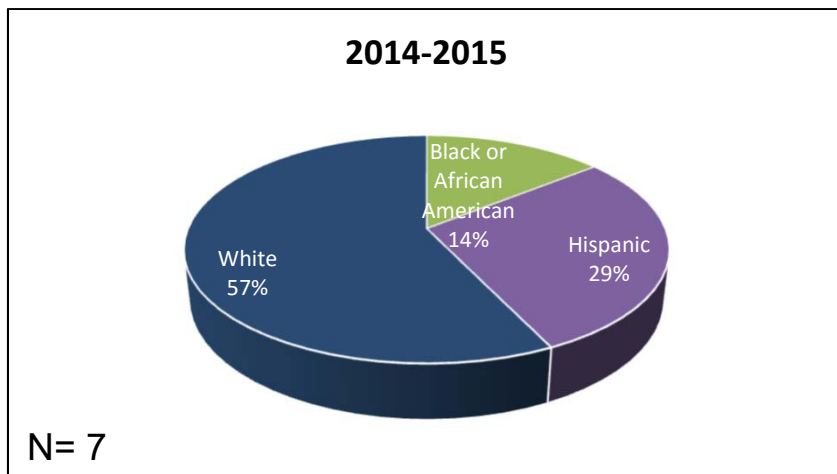
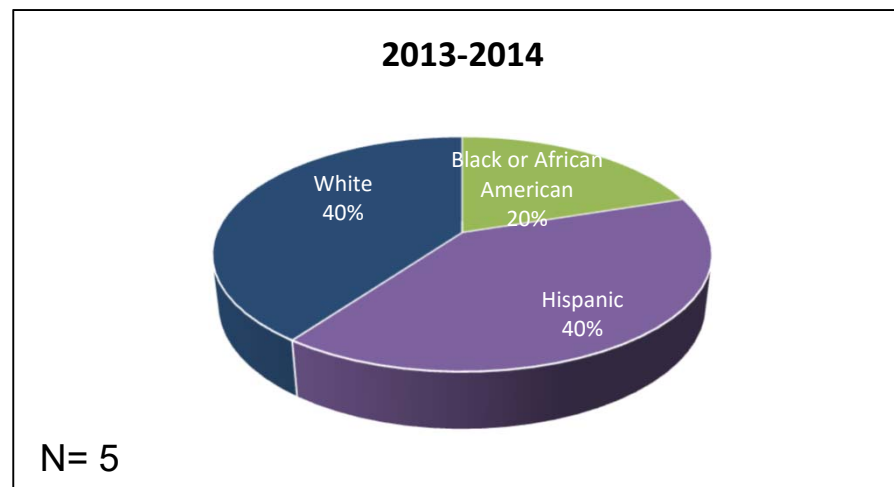
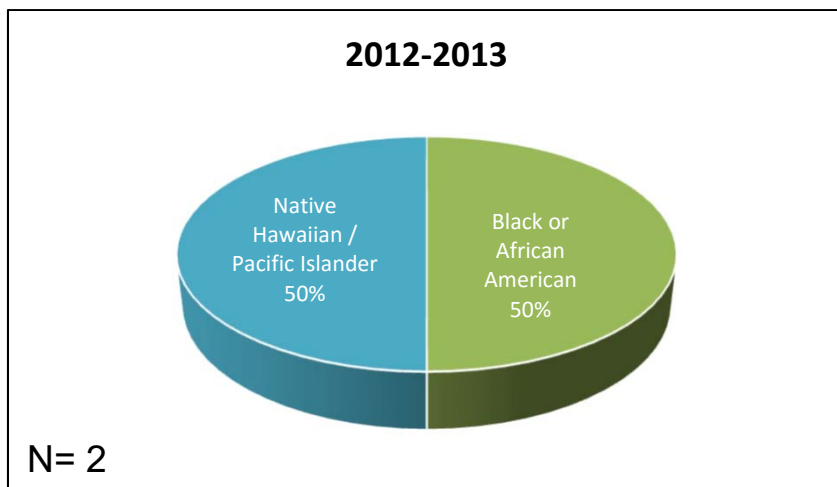


DSC Averages 2015-2016						
Amer Indian/ Alaska Native	Asian	Black or African Amer	Hispanic	Nat Hawaiian Pacif Islander	2 or More Races	White
0%	2%	14%	14%	0%	2%	66%

Excludes individuals whose race / ethnicity is not reported.

Source: IR Program Assessment Data

## Race / Ethnicity by Program 0903 - Information Technology Analysis

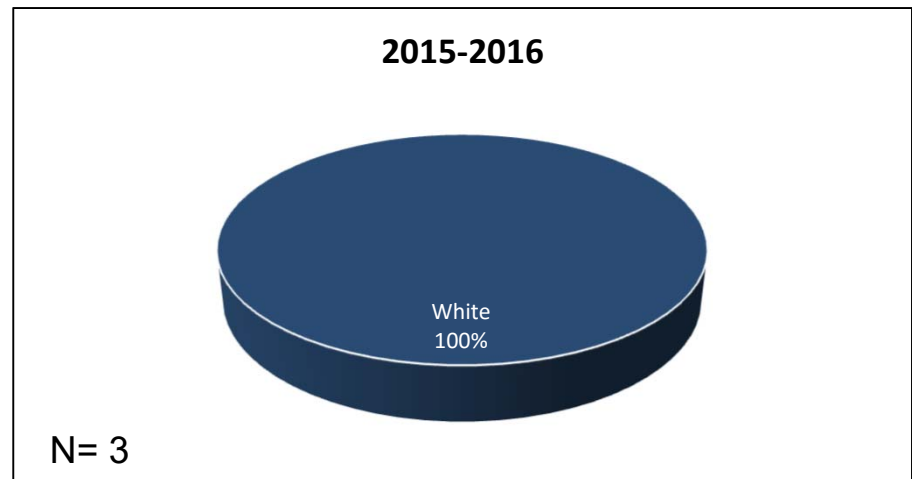
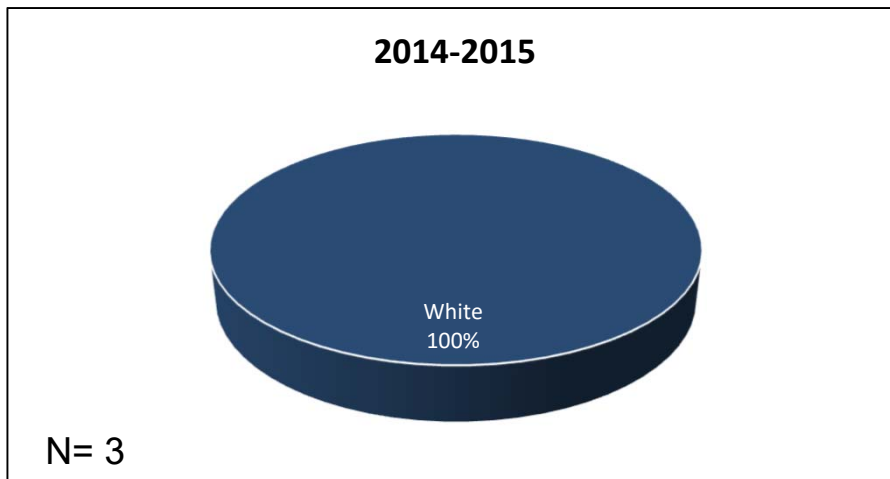
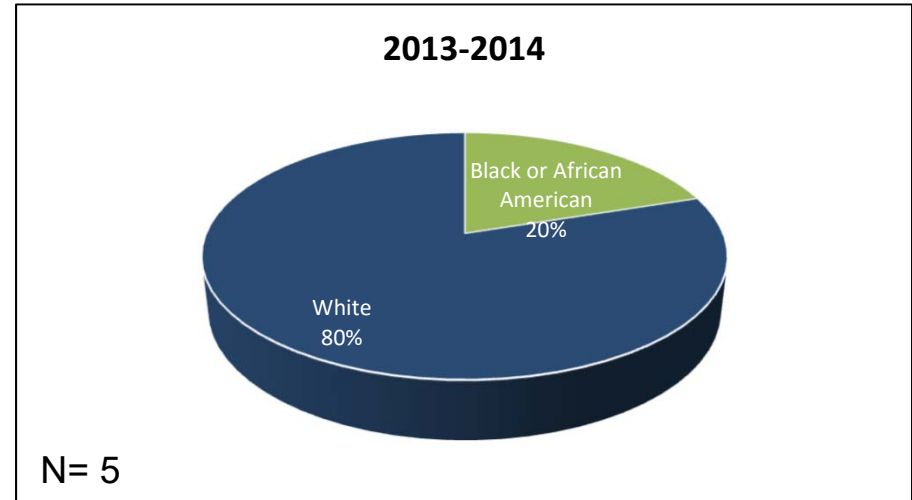
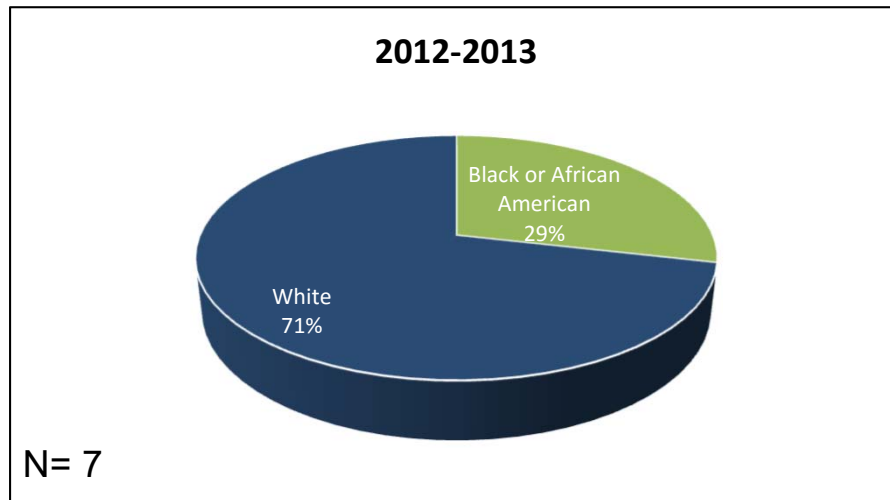


DSC Averages 2015-2016						
Amer Indian/ Alaska Native	Asian	Black or African Amer	Hispanic	Nat Hawaiian Pacif Islander	2 or More Races	White
0%	2%	14%	14%	0%	2%	66%

Excludes individuals whose race / ethnicity is not reported.

Source: IR Program Assessment Data

## Race / Ethnicity by Program 0904 - Network Server Administration

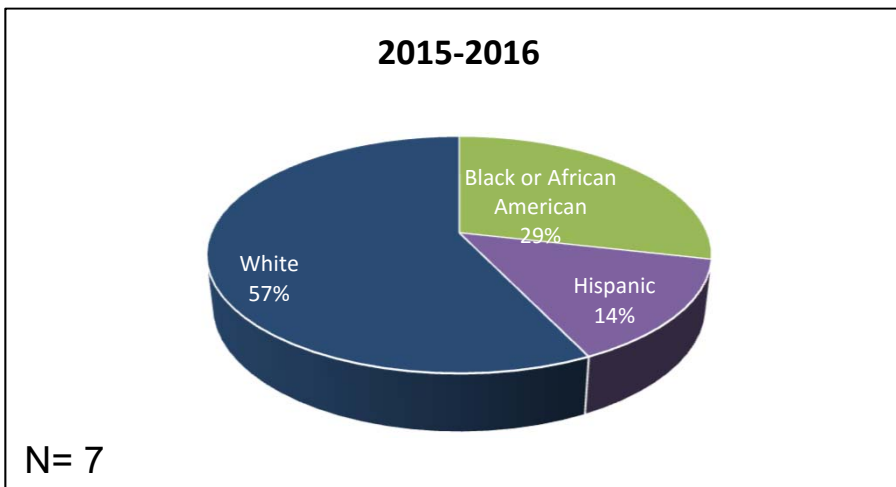
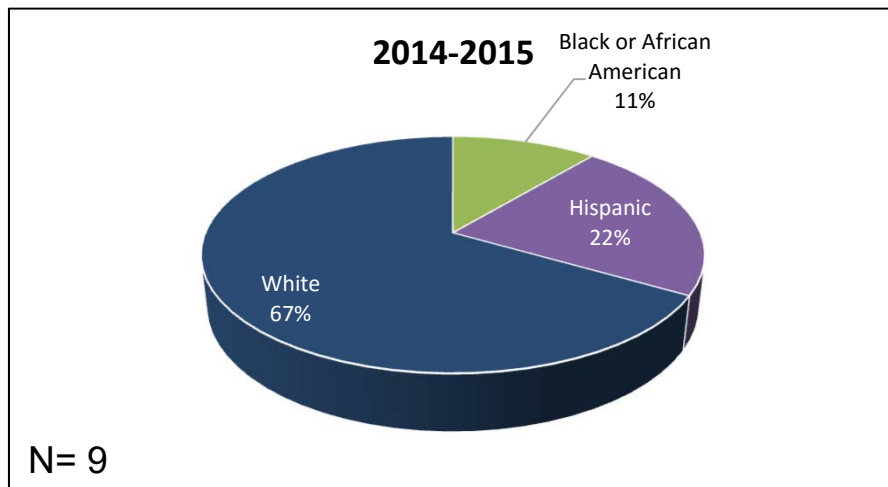
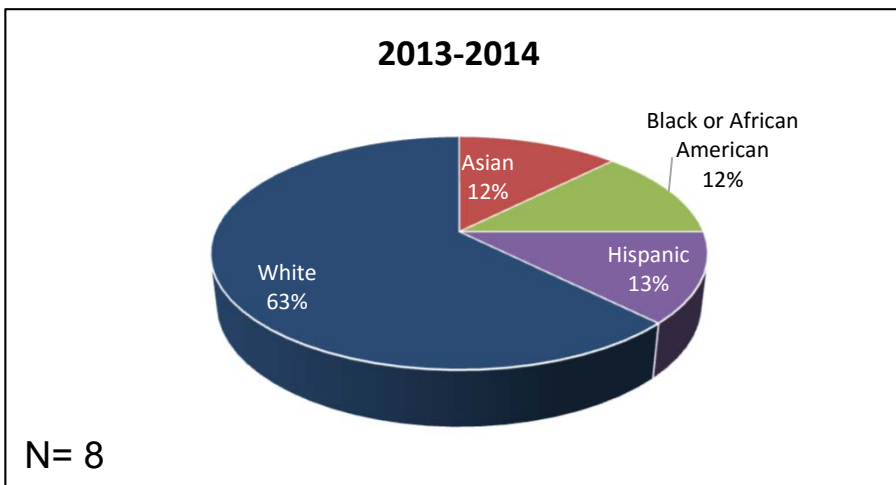
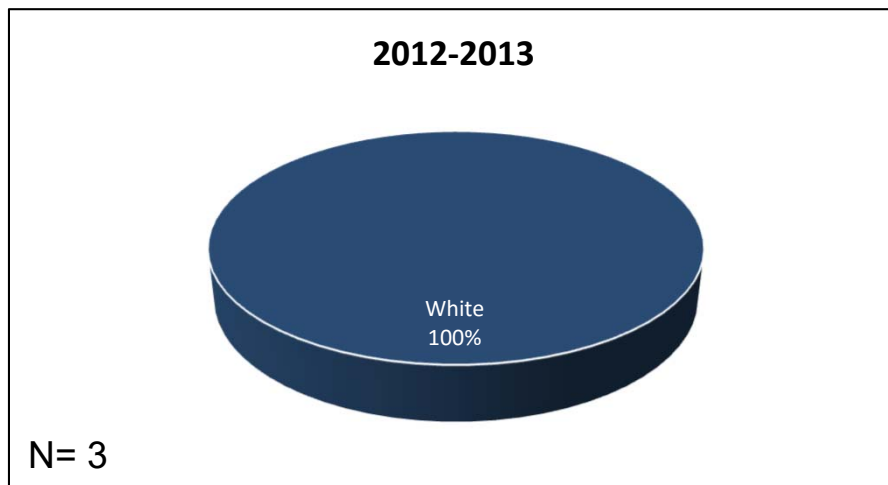


DSC Averages 2015-2016						
Amer Indian/ Alaska Native	Asian	Black or African Amer	Hispanic	Nat Hawaiian Pacif Islander	2 or More Races	White
0%	2%	14%	14%	0%	2%	66%

Excludes individuals whose race / ethnicity is not reported.

Source: IR Program Assessment Data

## Race / Ethnicity by Program 0905 - Information Technology Support Specialist

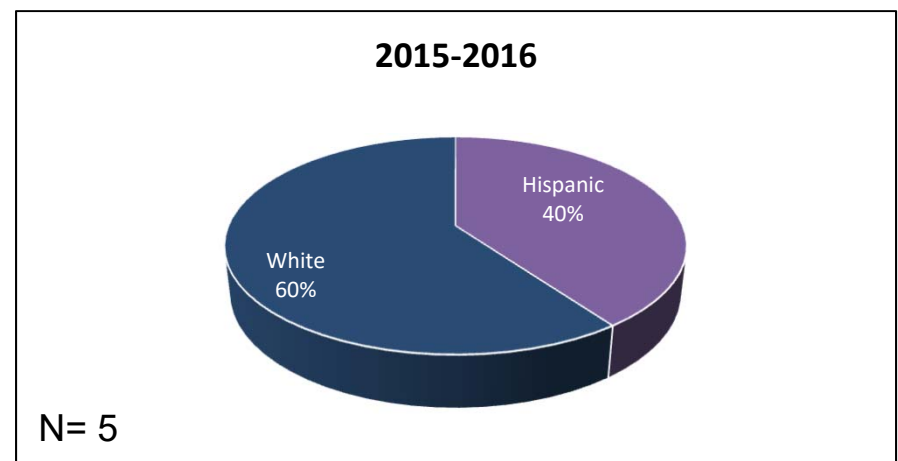
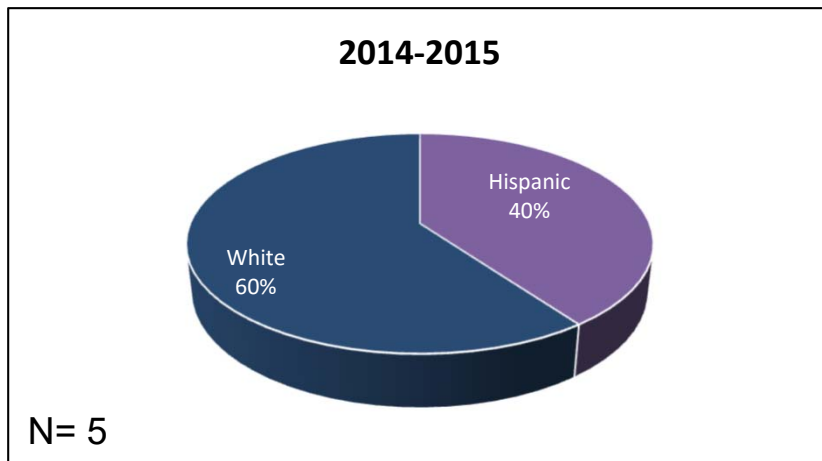
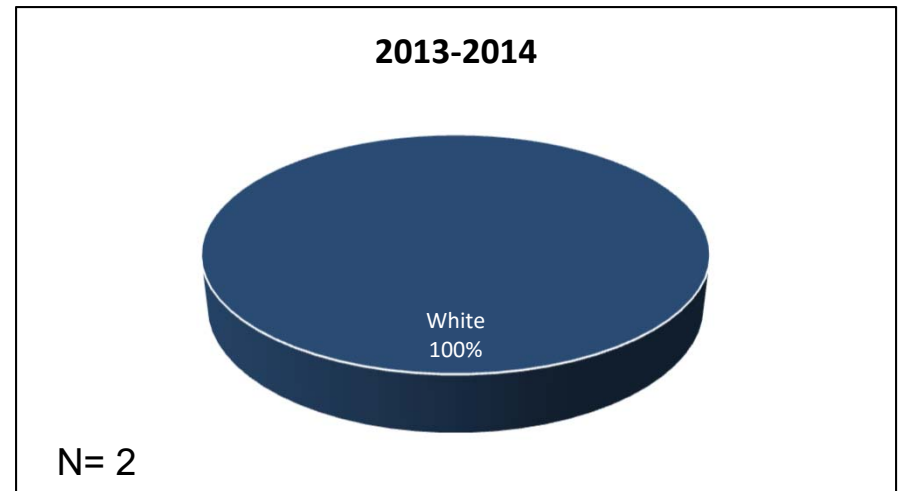
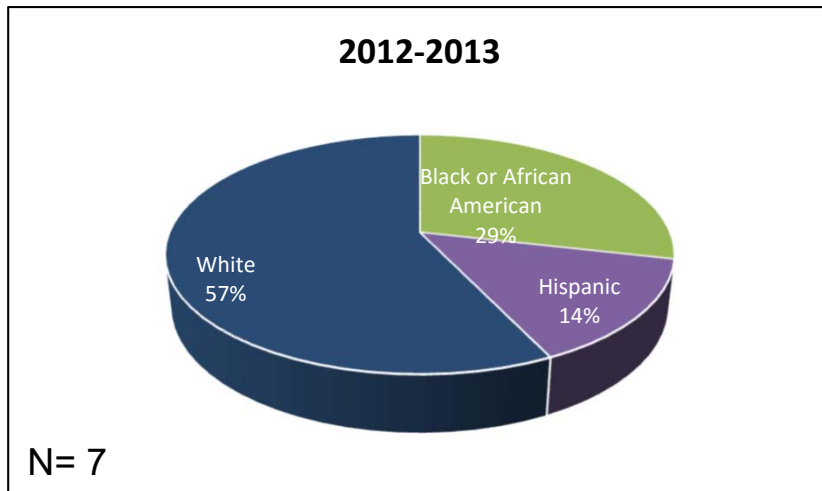


DSC Averages 2015-2016						
Amer Indian/ Alaska Native	Asian	Black or African Amer	Hispanic	Nat Hawaiian Pacif Islander	2 or More Races	White
0%	2%	14%	14%	0%	2%	66%

Excludes individuals whose race / ethnicity is not reported.

Source: IR Program Assessment Data

## Race / Ethnicity by Program 0906 - Network Support Technician

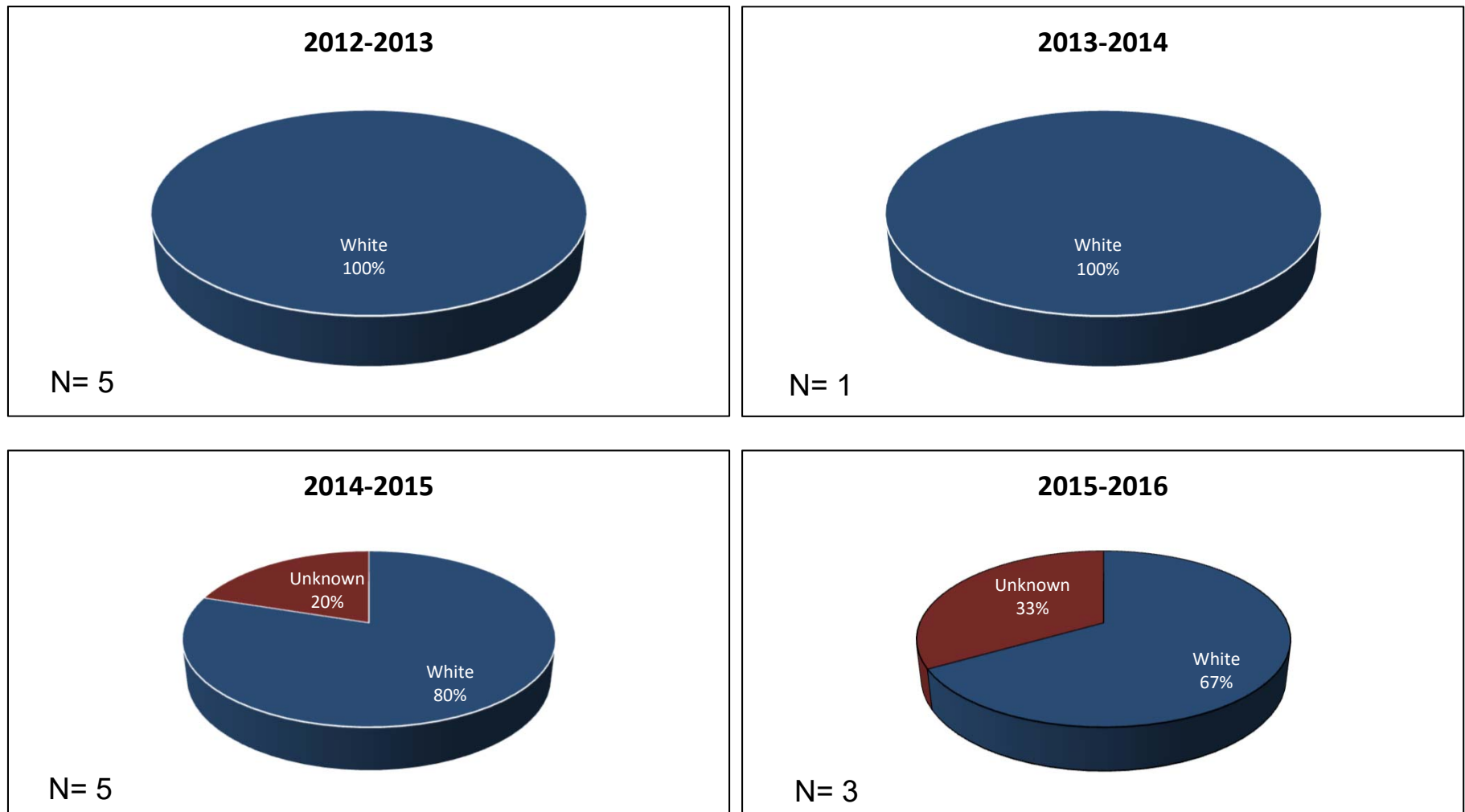


DSC Averages 2015-2016						
Amer Indian/ Alaska Native	Asian	Black or African Amer	Hispanic	Nat Hawaiian Pacif Islander	2 or More Races	White
0%	2%	14%	14%	0%	2%	66%

Excludes individuals whose race / ethnicity is not reported.

Source: IR Program Assessment Data

## Race / Ethnicity by Program 0907 - Microcomputer Repairer/Installer



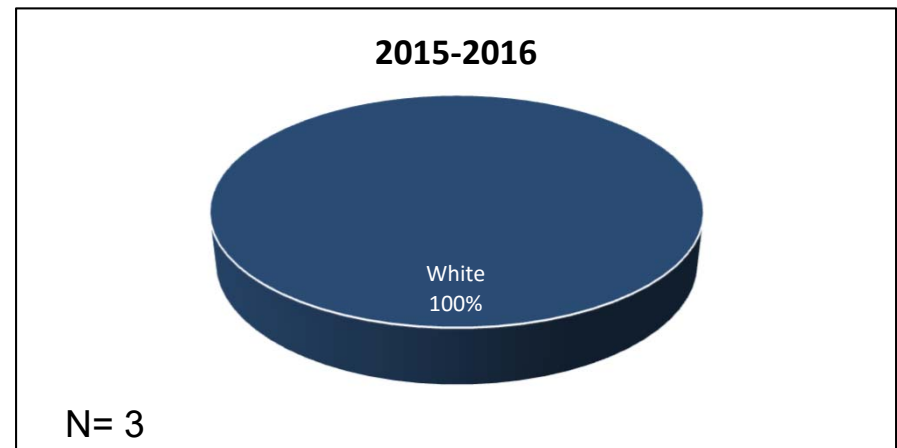
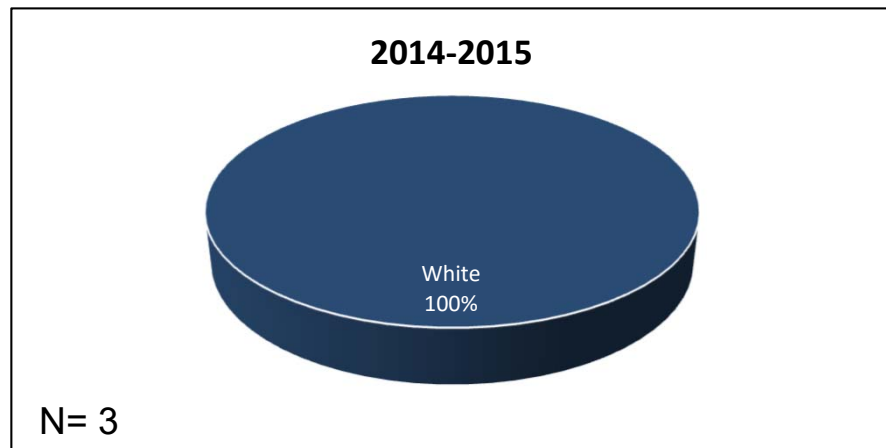
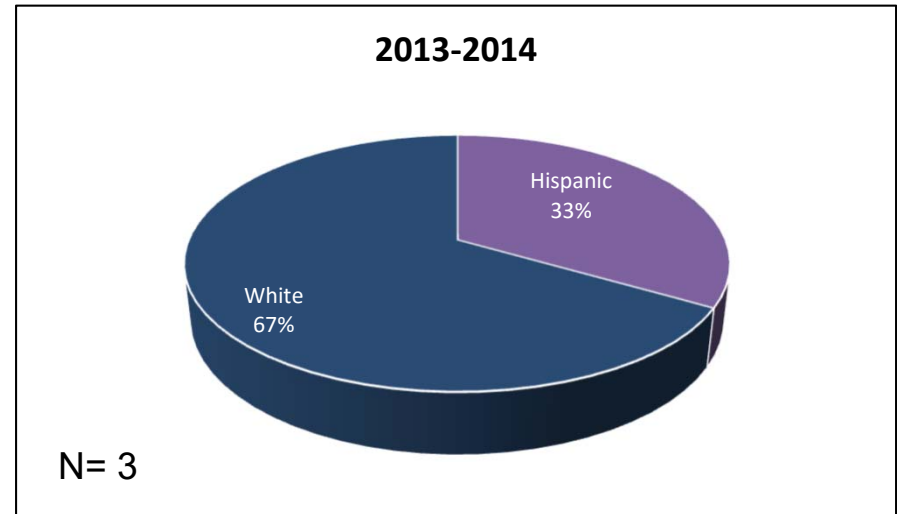
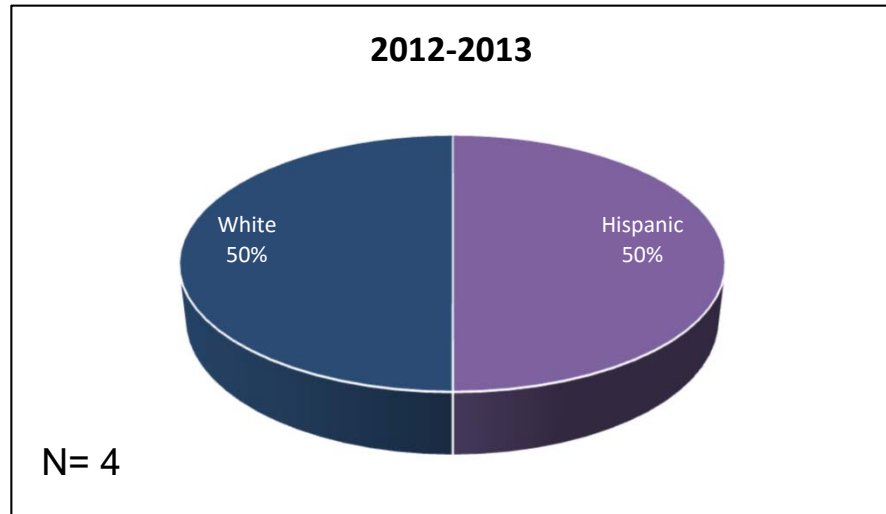
### DSC Averages 2015-2016

Amer Indian/ Alaska Native	Asian	Black or African Amer	Hispanic	Nat Hawaiian Pacif Islander	2 or More Races	White
0%	2%	14%	14%	0%	2%	66%

Excludes individuals whose race / ethnicity is not reported.

Source: IR Program Assessment Data

## Race / Ethnicity by Program 0908 - Advanced Network Infrastructure



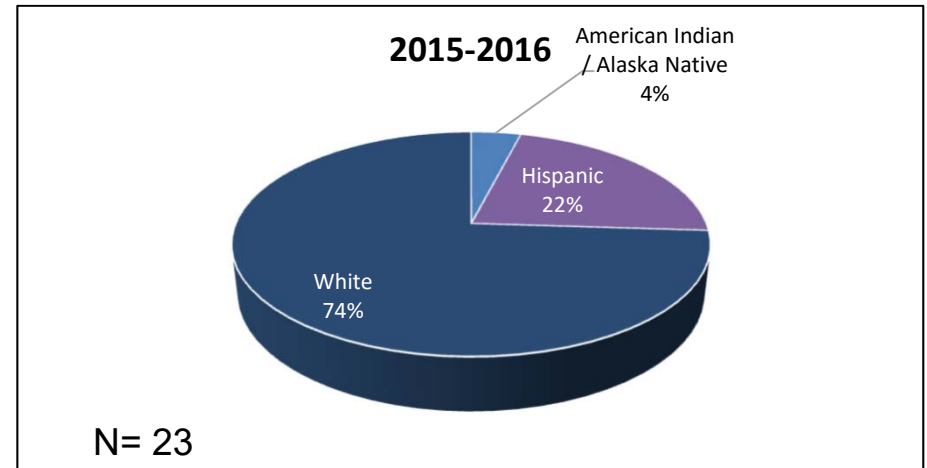
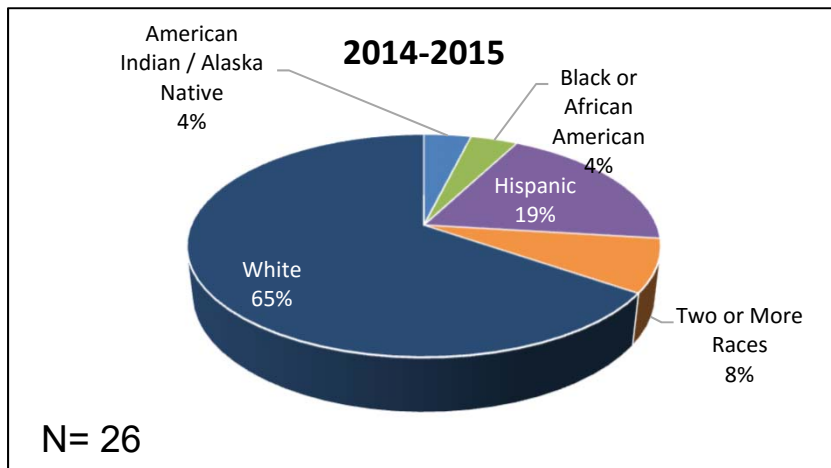
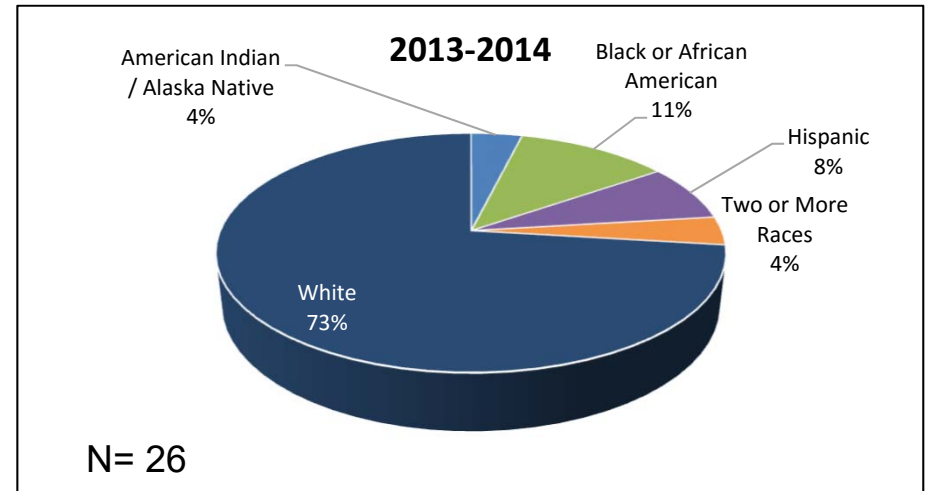
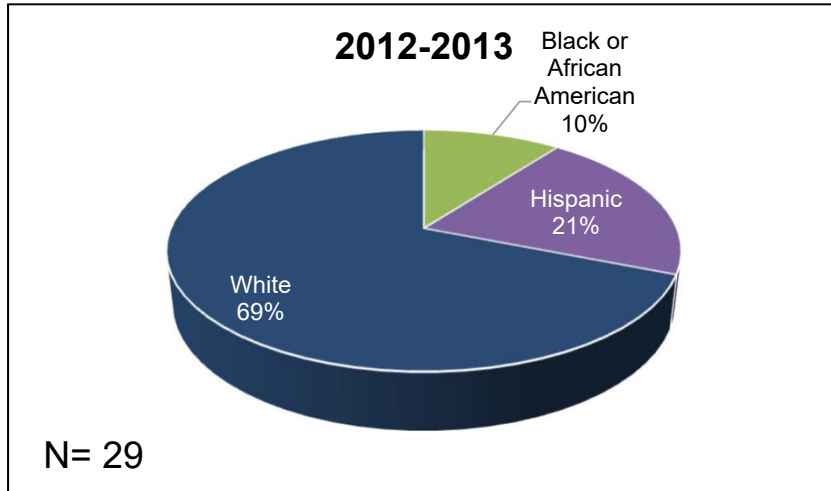
DSC Averages 2015-2016						
Amer Indian/ Alaska Native	Asian	Black or African Amer	Hispanic	Nat Hawaiian Pacif Islander	2 or More Races	White
0%	2%	14%	14%	0%	2%	66%

Excludes individuals whose race / ethnicity is not reported.

Source: IR Program Assessment Data



## Race / Ethnicity by Program 0909 - Web Development Specialist

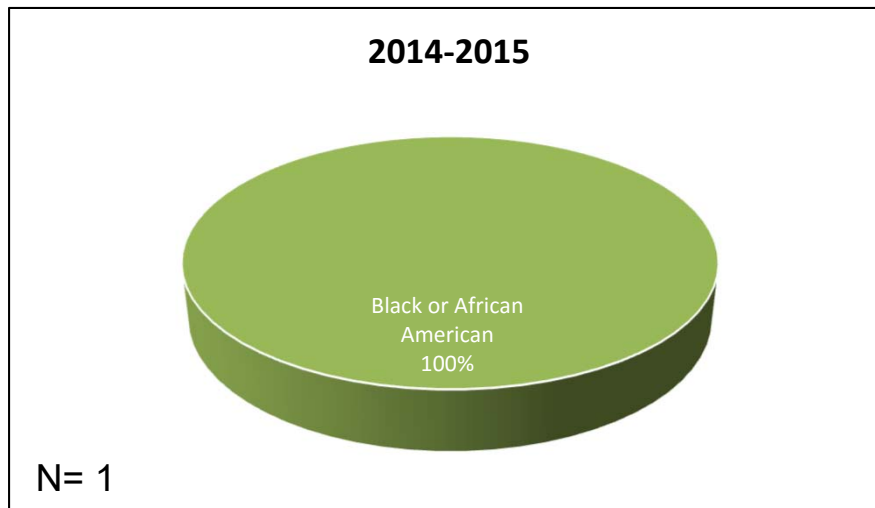
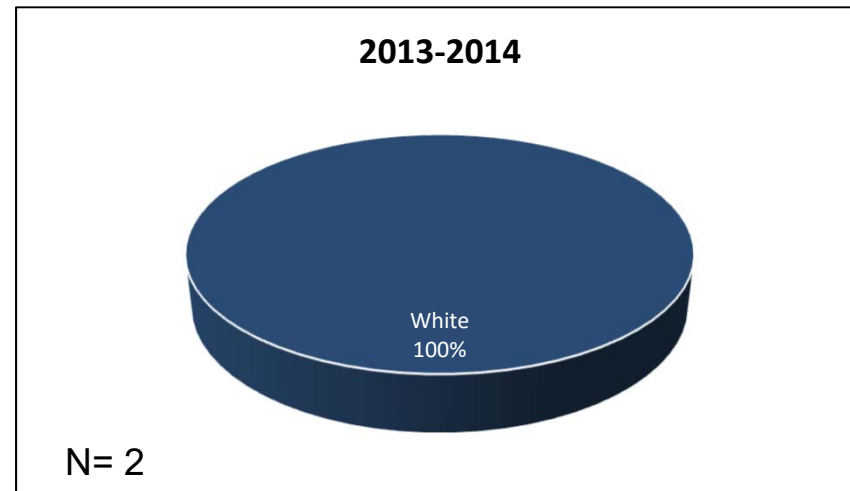
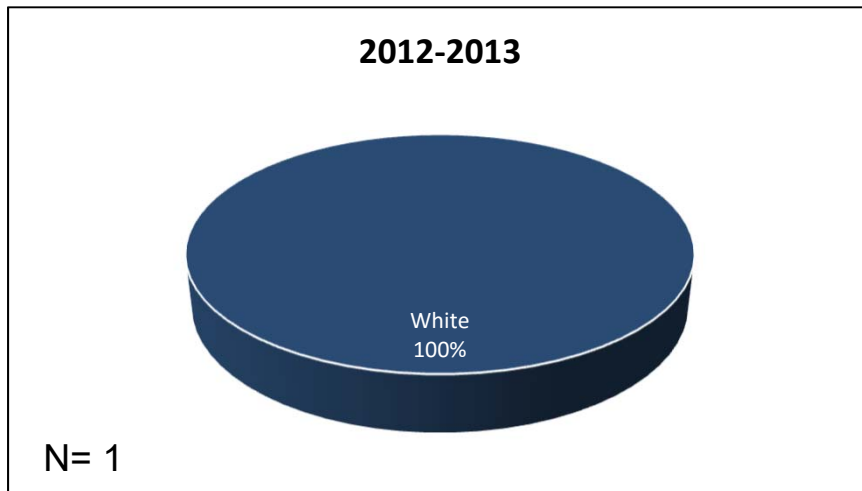


DSC Averages 2015-2016						
Amer Indian/ Alaska Native	Asian	Black or African Amer	Hispanic	Nat Hawaiian Pacif Islander	2 or More Races	White
0%	2%	14%	14%	0%	2%	66%

Excludes individuals whose race / ethnicity is not reported.

Source: IR Program Assessment Data

## Race / Ethnicity by Program 0921 - Cable Installation

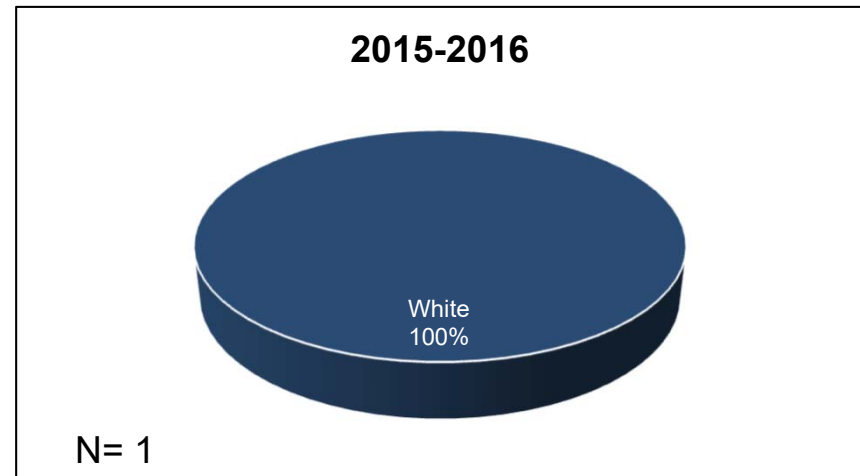
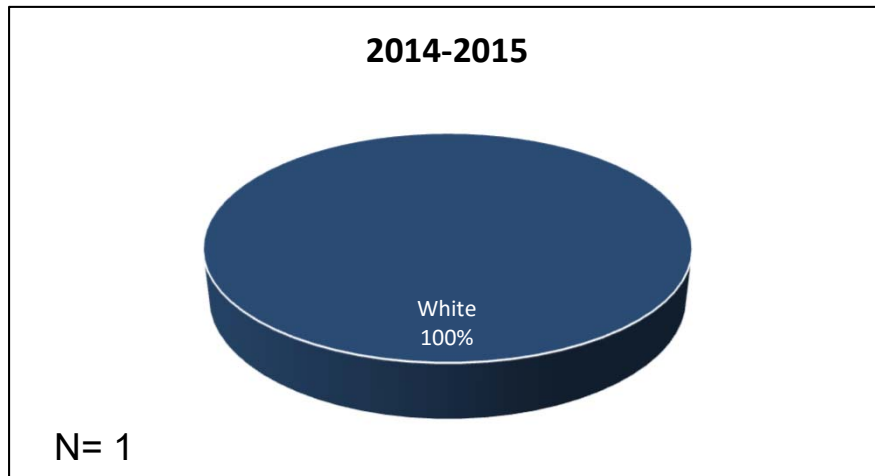
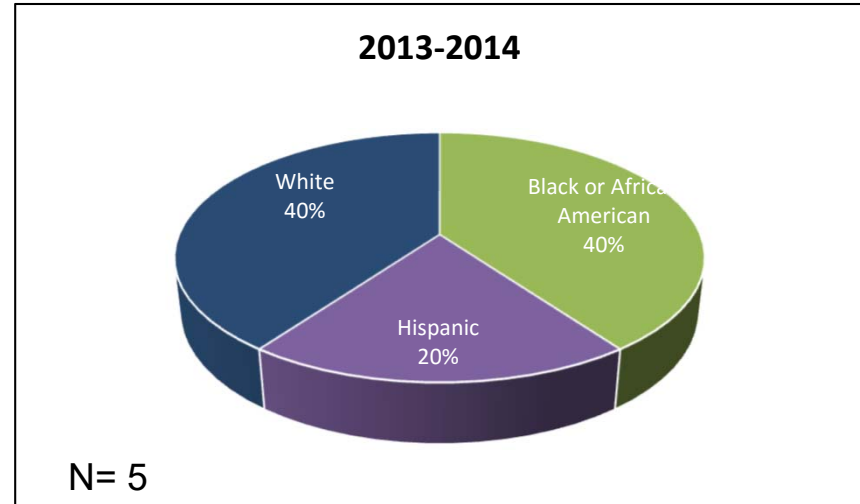
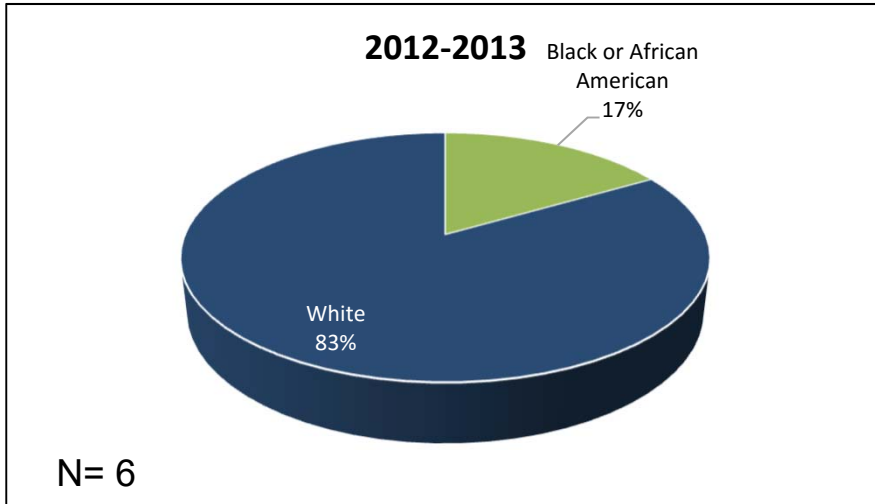


DSC Averages 2015-2016						
Amer Indian/ Alaska Native	Asian	Black or African Amer	Hispanic	Nat Hawaiian Pacif Islander	2 or More Races	White
0%	2%	14%	14%	0%	2%	66%

Excludes individuals whose race / ethnicity is not reported.

Source: IR Program Assessment Data

## Race / Ethnicity by Program 0922 - Network Infrastructure

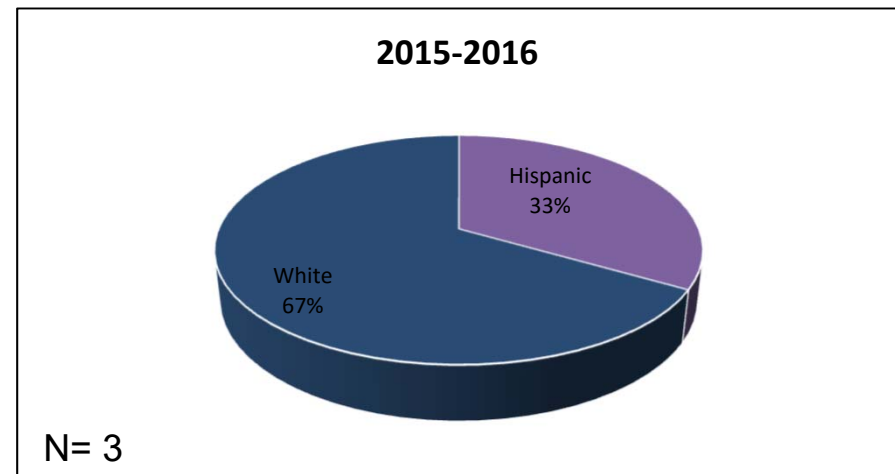
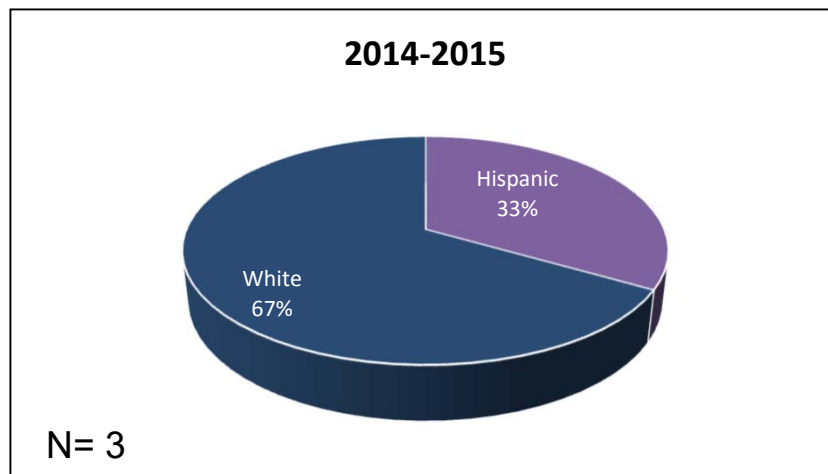
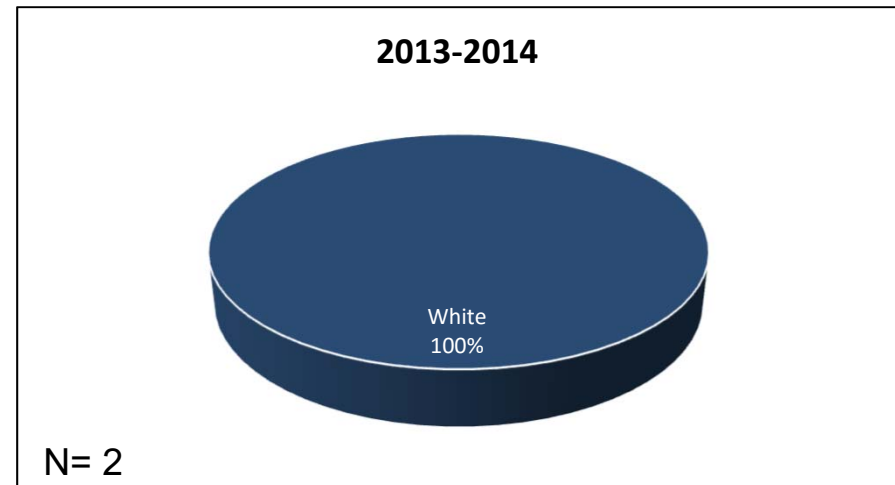
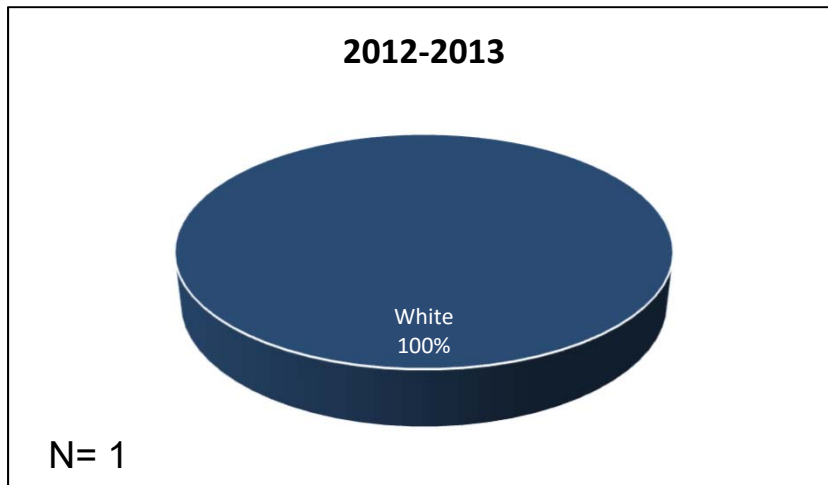


DSC Averages 2015-2016						
Amer Indian/ Alaska Native	Asian	Black or African Amer	Hispanic	Nat Hawaiian Pacif Islander	2 or More Races	White
0%	2%	14%	14%	0%	2%	66%

Excludes individuals whose race / ethnicity is not reported.

Source: IR Program Assessment Data

## Race / Ethnicity by Program 0923 - Network Communications (LAN)

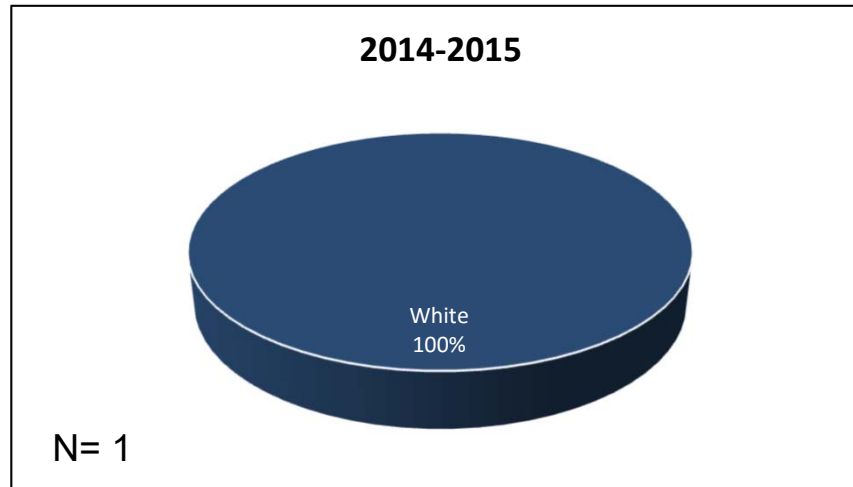
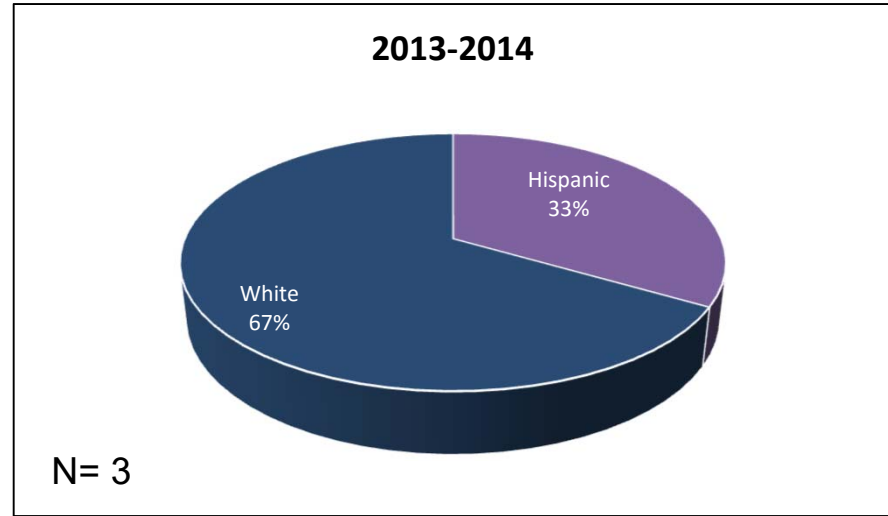
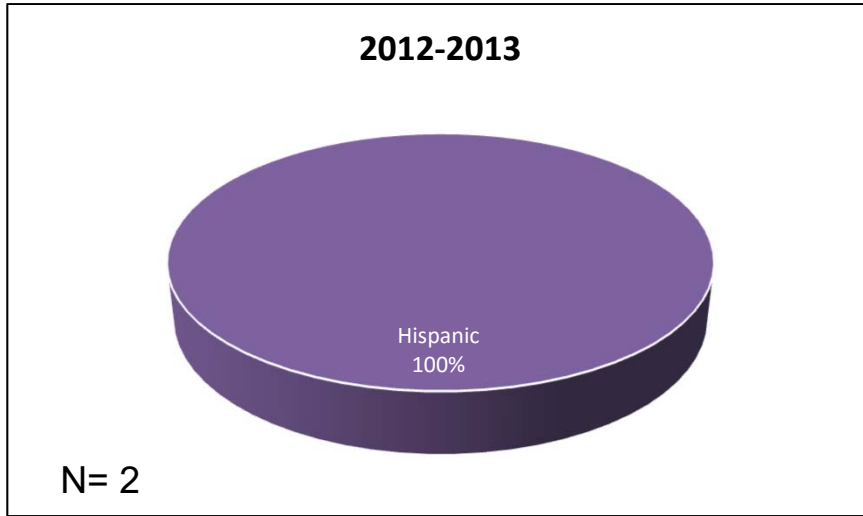


DSC Averages 2015-2016						
Amer Indian/ Alaska Native	Asian	Black or African Amer	Hispanic	Nat Hawaiian Pacif Islander	2 or More Races	White
0%	2%	14%	14%	0%	2%	66%

Excludes individuals whose race / ethnicity is not reported.

Source: IR Program Assessment Data

## Race / Ethnicity by Program 0924 - Network Communications (WAN)

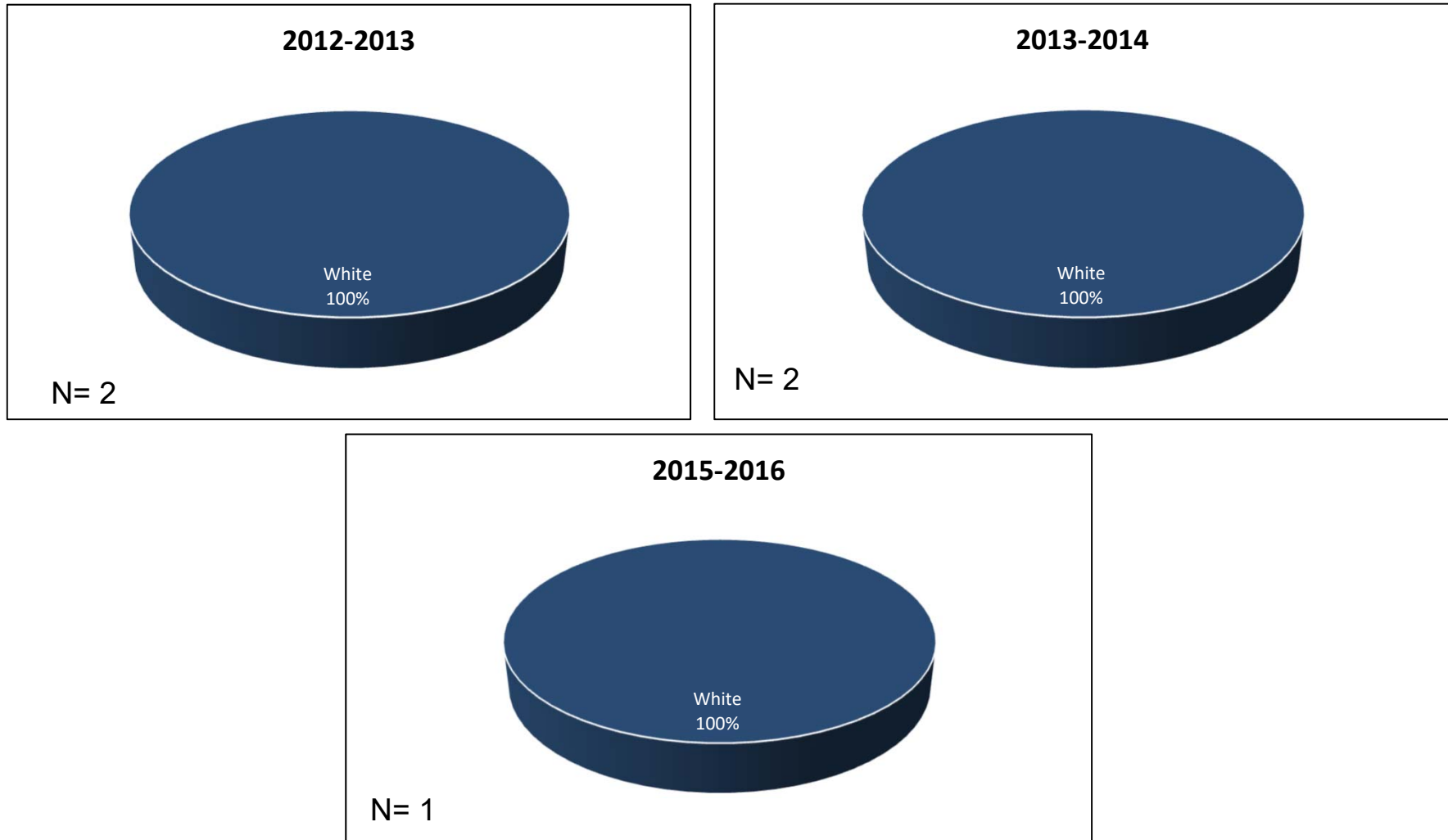


DSC Averages 2015-2016							
Amer Indian/ Alaska Native	Asian	Black or African Amer	Hispanic	Nat Hawaiian	Pacif Islander	2 or More Races	White
0%	2%	14%	14%	0%	0%	2%	66%

Excludes individuals whose race / ethnicity is not reported.

Source: IR Program Assessment Data

## Race / Ethnicity by Program 0925 - Wireless Communications

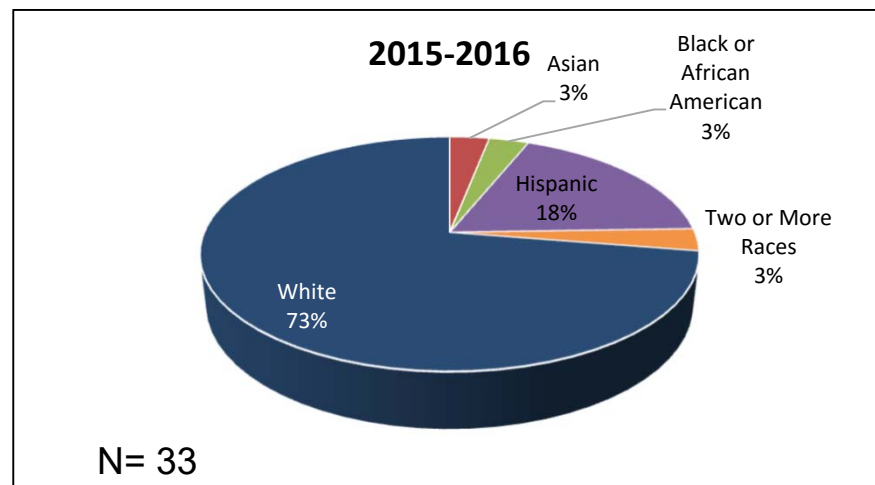
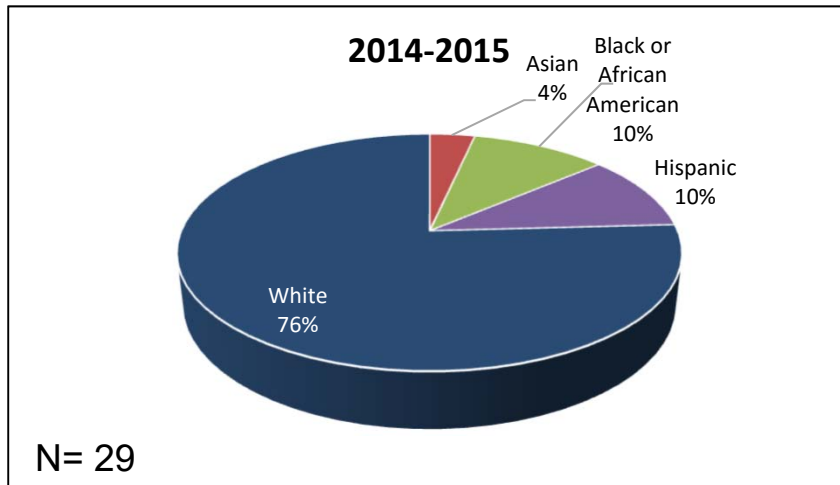
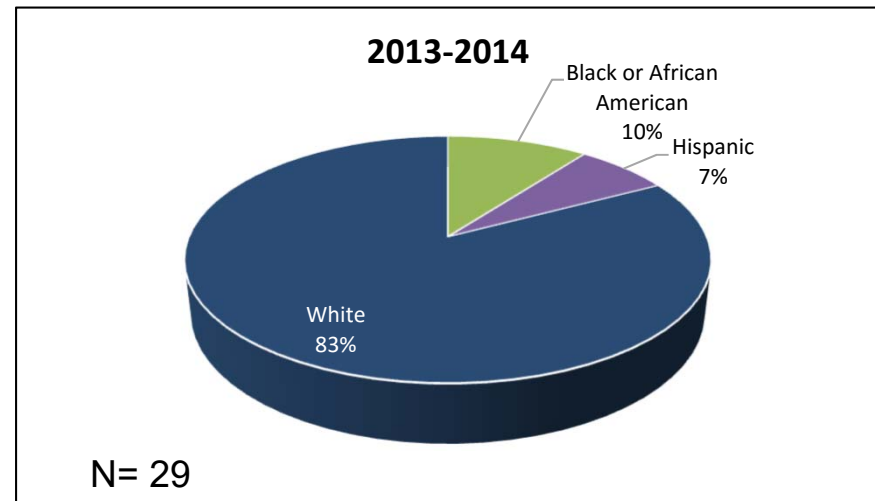
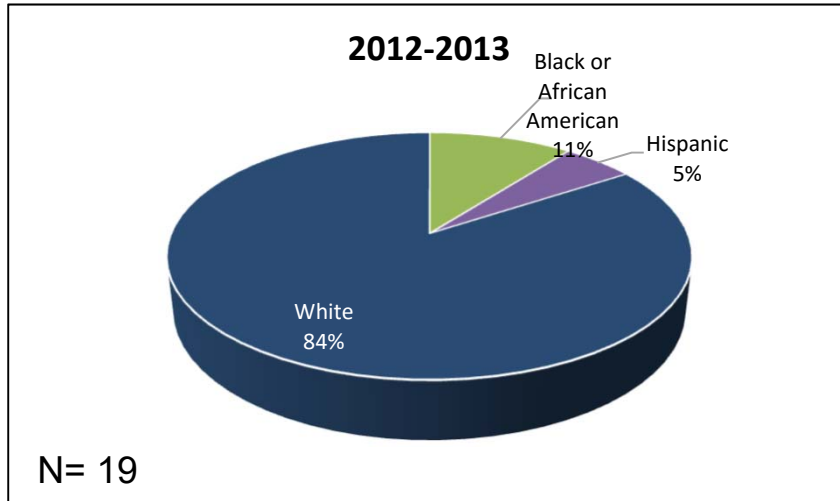


DSC Averages 2015-2016						
Amer Indian/ Alaska Native	Asian	Black or African Amer	Hispanic	Nat Hawaiian Pacif Islander	2 or More Races	White
0%	2%	14%	14%	0%	2%	66%

Excludes individuals whose race / ethnicity is not reported.

Source: IR Program Assessment Data

## Race / Ethnicity by Program 0938 - Computer Programming

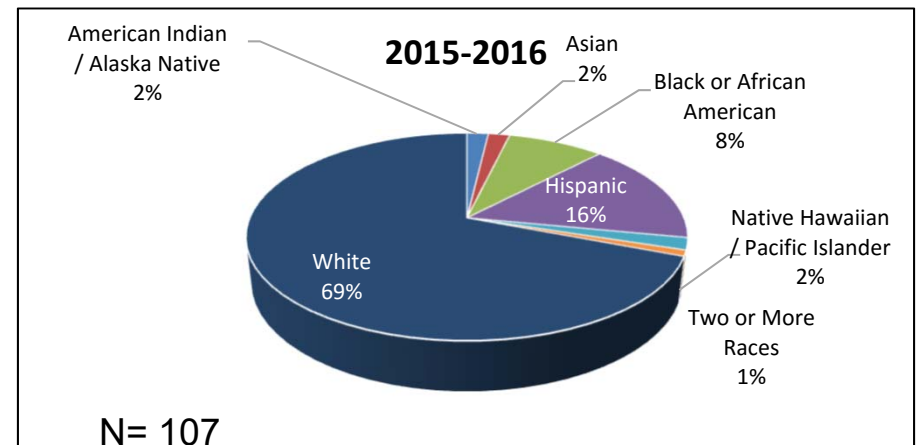
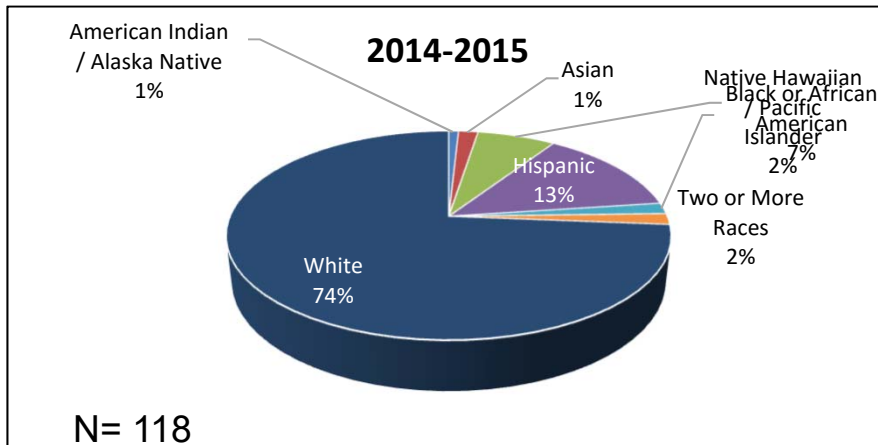
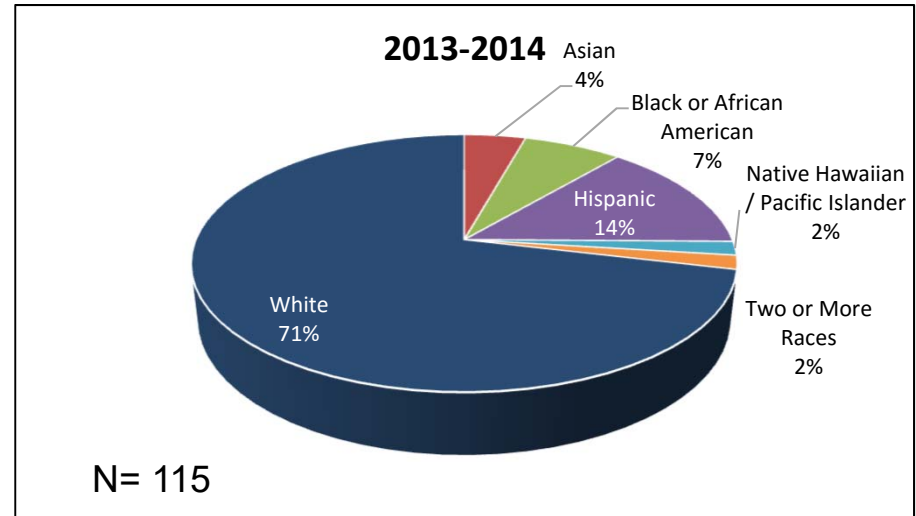
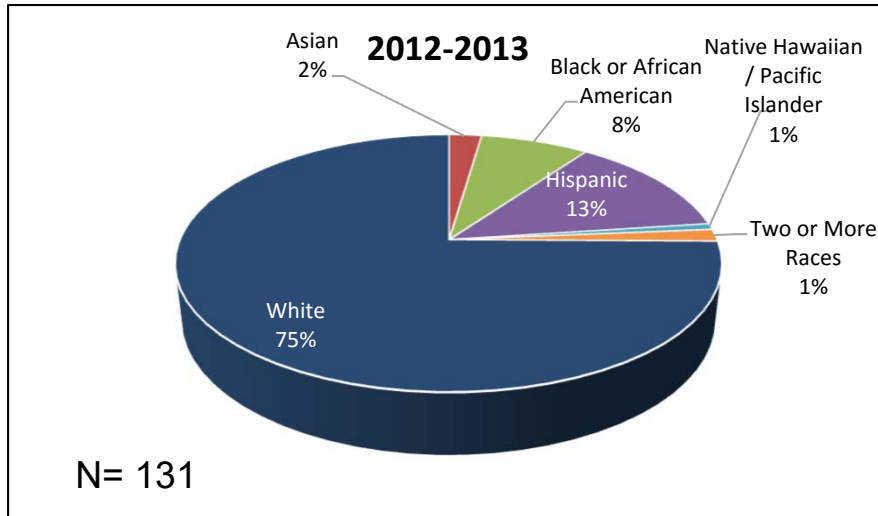


DSC Averages 2015-2016						
Amer Indian/ Alaska Native	Asian	Black or African Amer	Hispanic	Nat Hawaiian Pacif Islander	2 or More Races	White
0%	2%	14%	14%	0%	2%	66%

Excludes individuals whose race / ethnicity is not reported.

Source: IR Program Assessment Data

## Race / Ethnicity by Program 2002 - Network Systems Technology



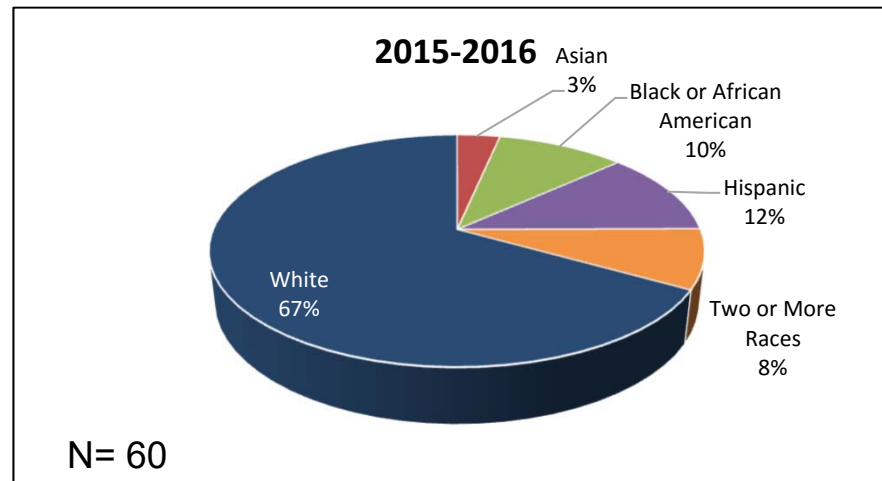
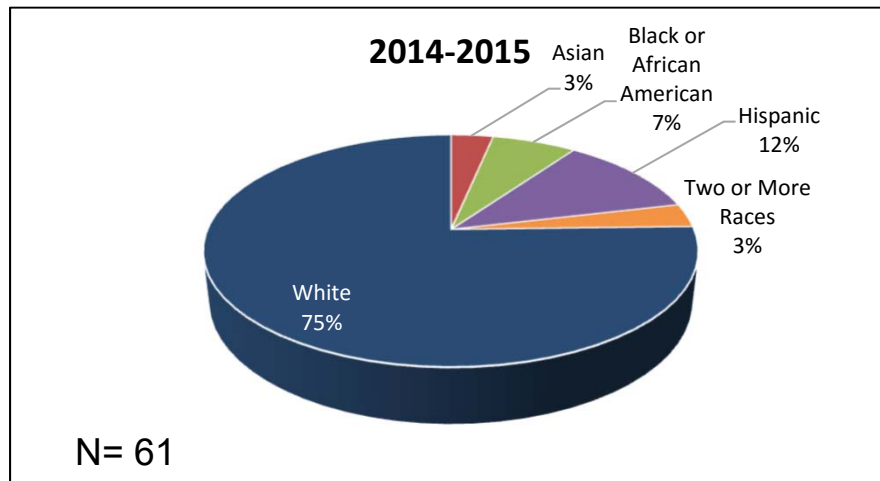
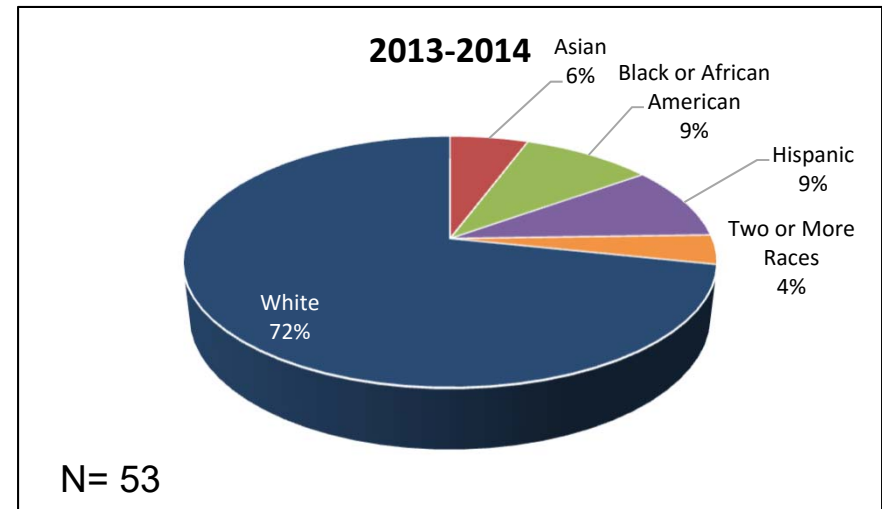
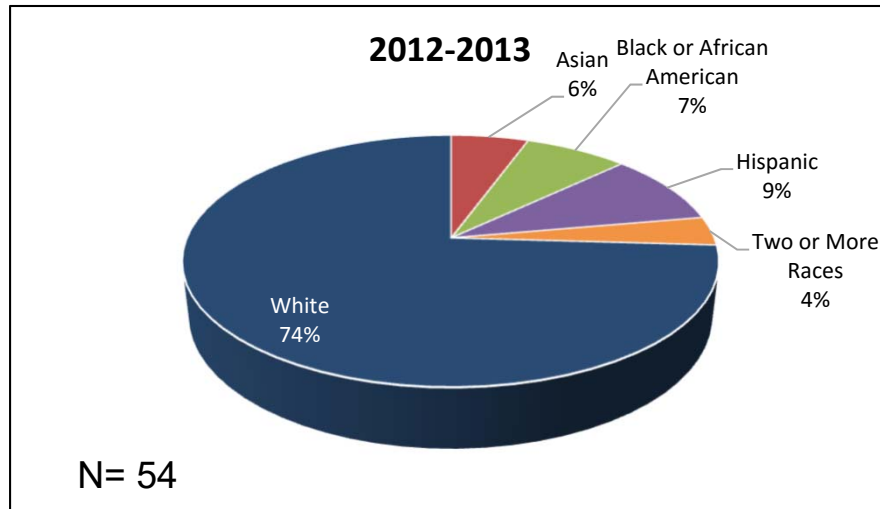
DSC Averages 2015-2016						
Amer Indian/ Alaska Native	Asian	Black or African Amer	Hispanic	Nat Hawaiian Pacif Islander	2 or More Races	White
0%	2%	14%	14%	0%	2%	66%

Excludes individuals whose race / ethnicity is not reported.

Source: IR Program Assessment Data



## Race / Ethnicity by Program 2003 - Electronics Engineering Technology

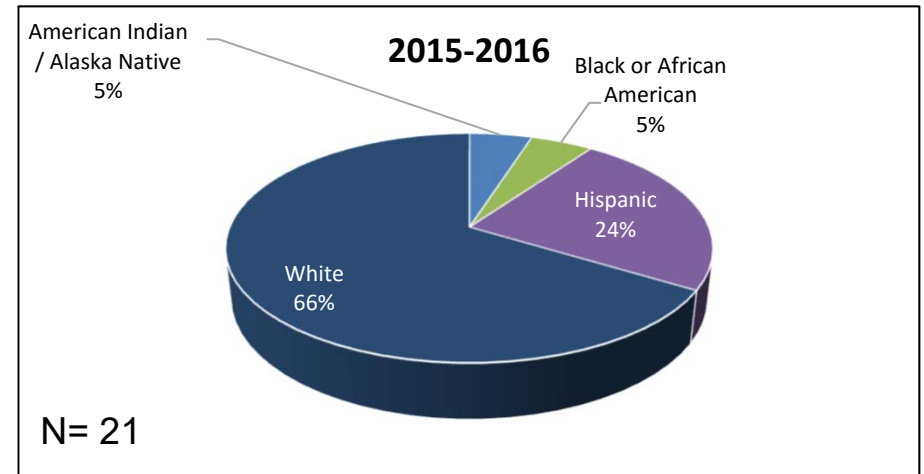
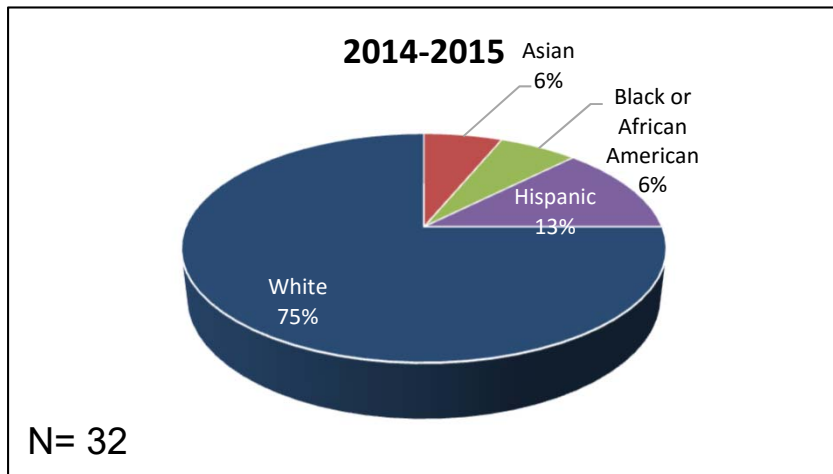
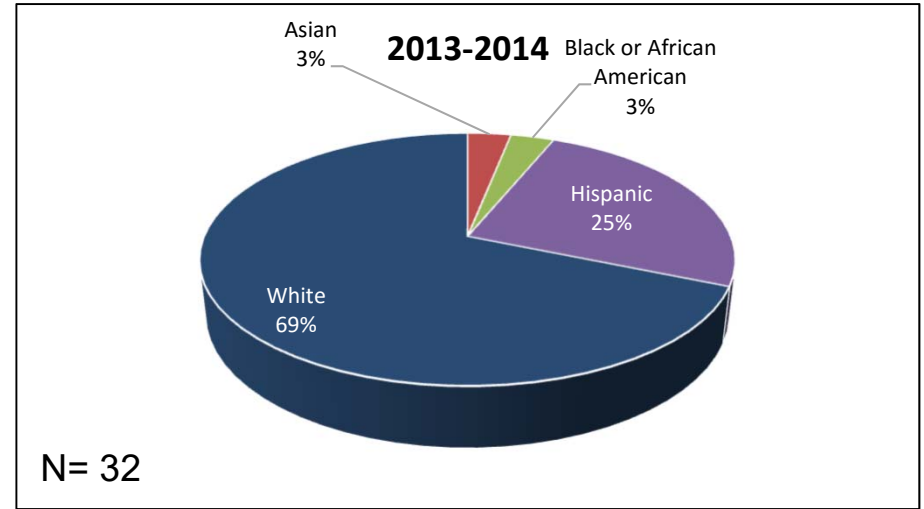
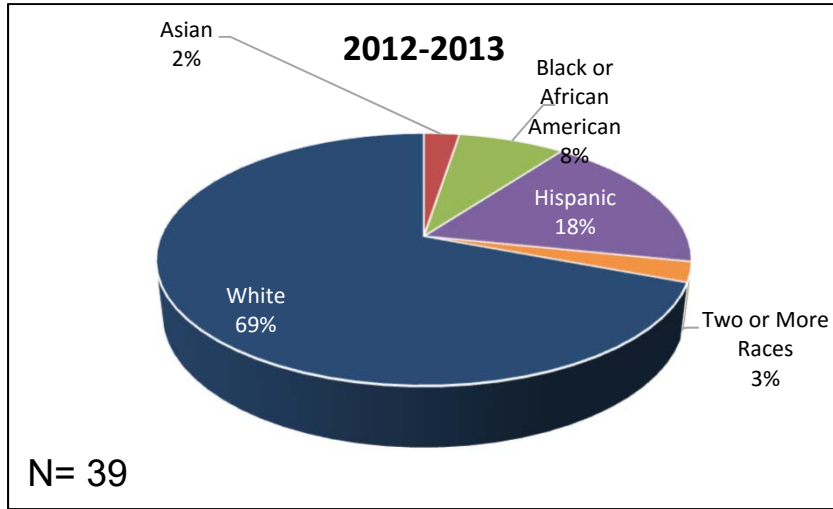


DSC Averages 2015-2016						
Amer Indian/ Alaska Native	Asian	Black or African Amer	Hispanic	Nat Hawaiian Pacif Islander	2 or More Races	White
0%	2%	14%	14%	0%	2%	66%

Excludes individuals whose race / ethnicity is not reported.

Source: IR Program Assessment Data

## Race / Ethnicity by Program 2005 - Internet Services Technology

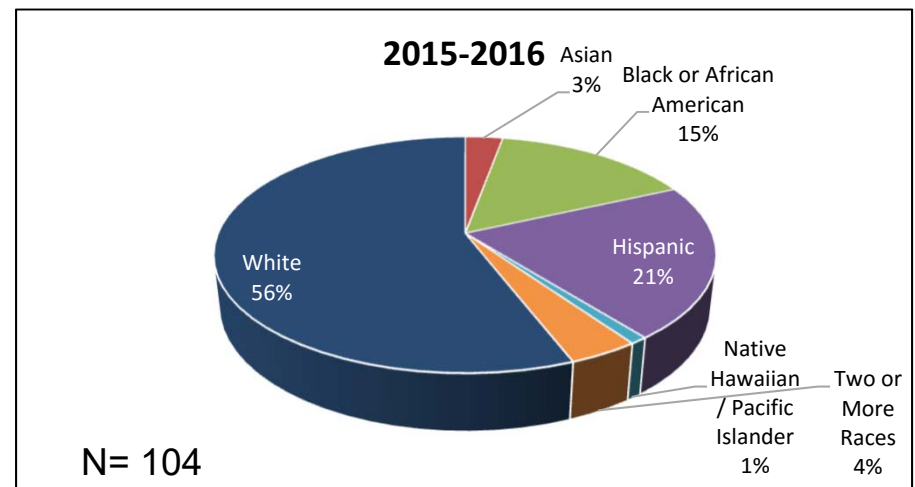
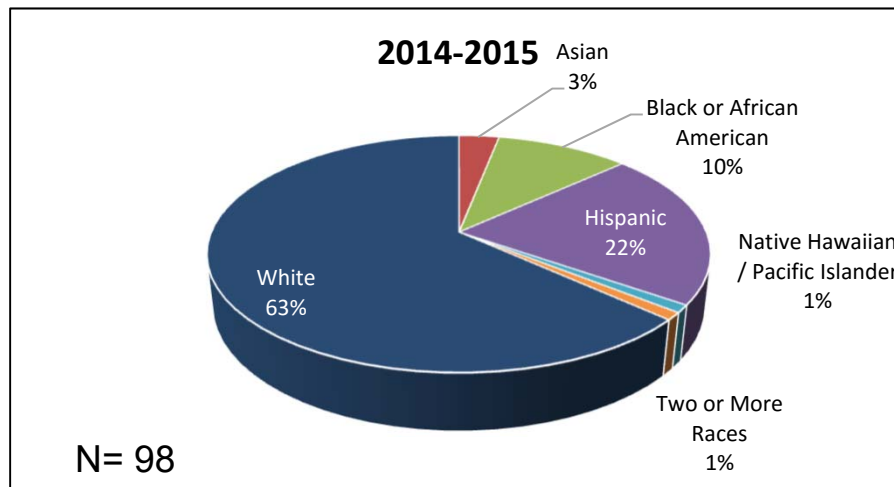
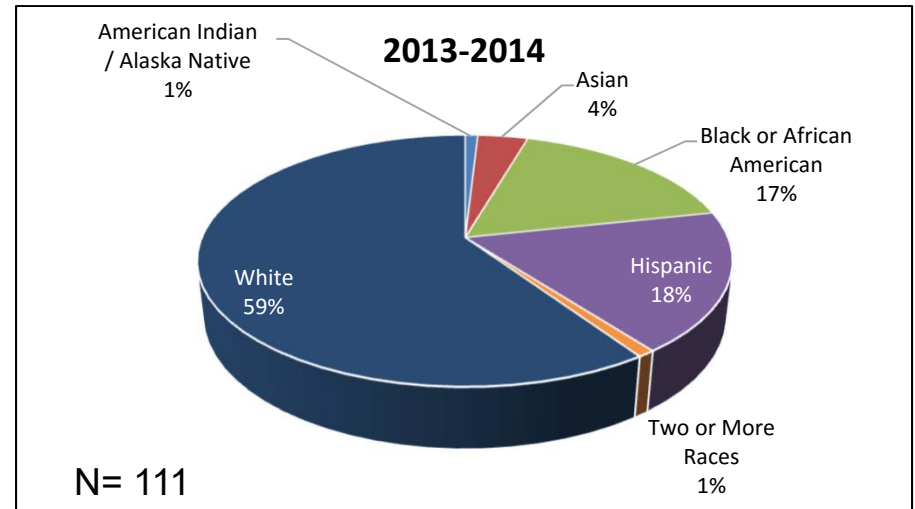
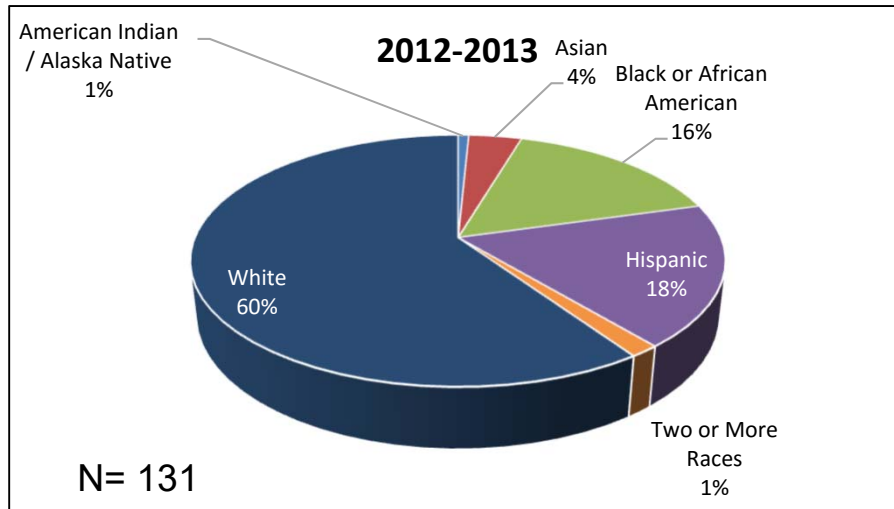


DSC Averages 2015-2016						
Amer Indian/ Alaska Native	Asian	Black or African Amer	Hispanic	Nat Hawaiian Pacif Islander	2 or More Races	White
0%	2%	14%	14%	0%	2%	66%

Excludes individuals whose race / ethnicity is not reported.

Source: IR Program Assessment Data

## Race / Ethnicity by Program 2013 - Computer Engineering Technology



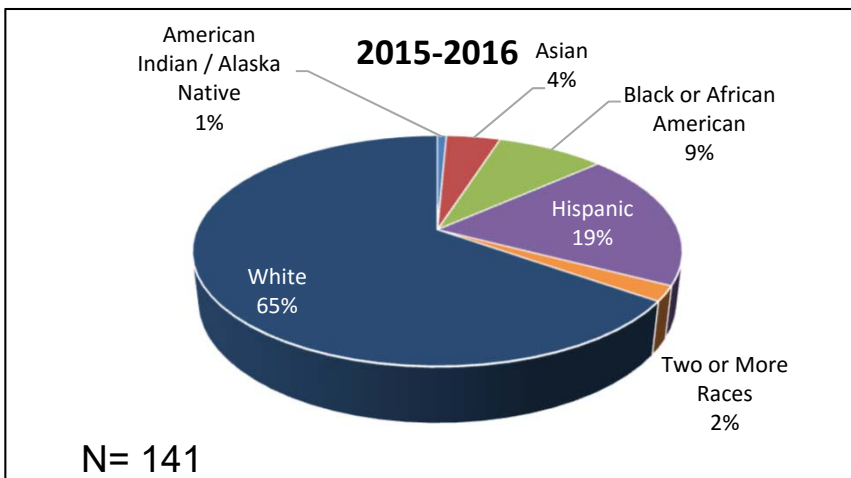
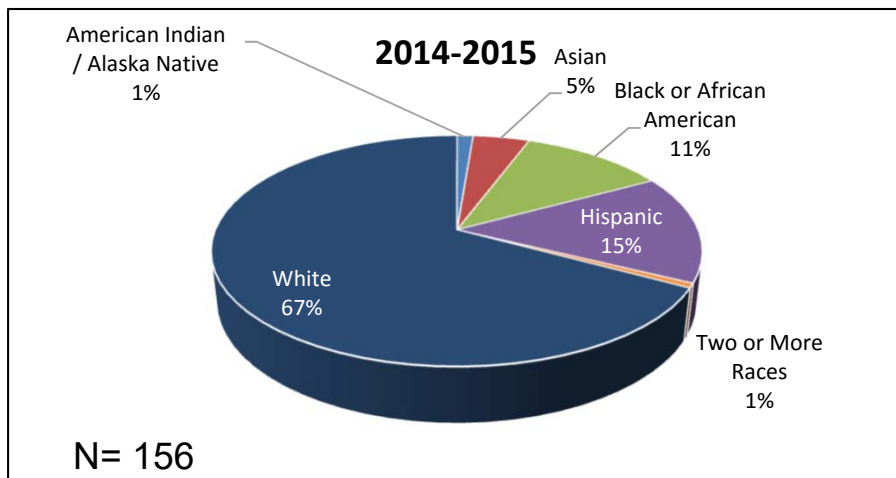
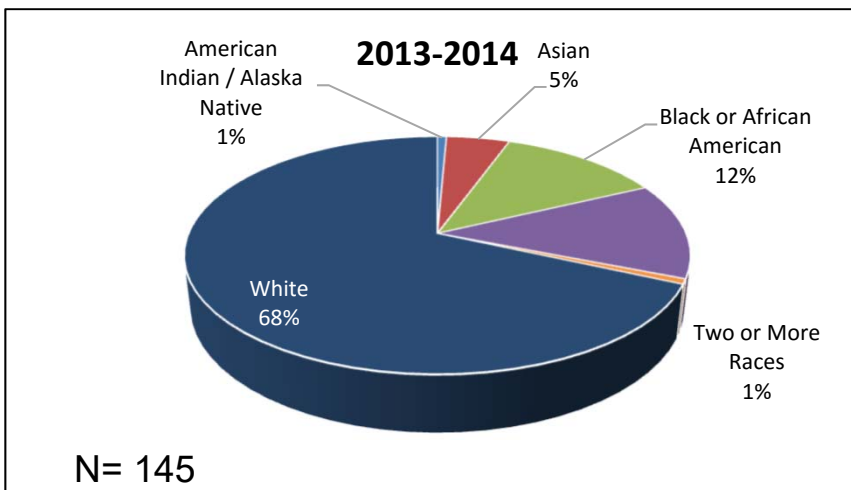
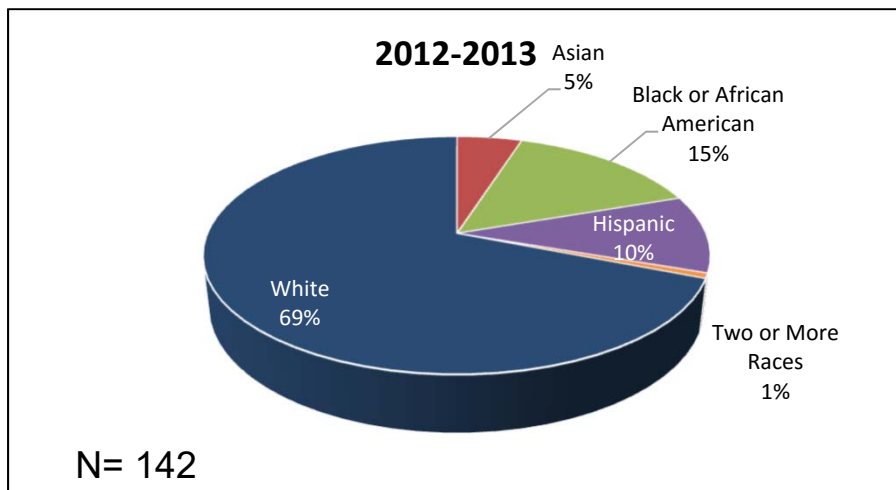
DSC Averages 2015-2016						
Amer Indian/ Alaska Native	Asian	Black or African Amer	Hispanic	Nat Hawaiian Pacif Islander	2 or More Races	White
0%	2%	14%	14%	0%	2%	66%

Excludes individuals whose race / ethnicity is not reported.

Source: IR Program Assessment Data

## Race / Ethnicity by Program

### 2047 - Computer Programming and Analysis (Software Engineering Technology)

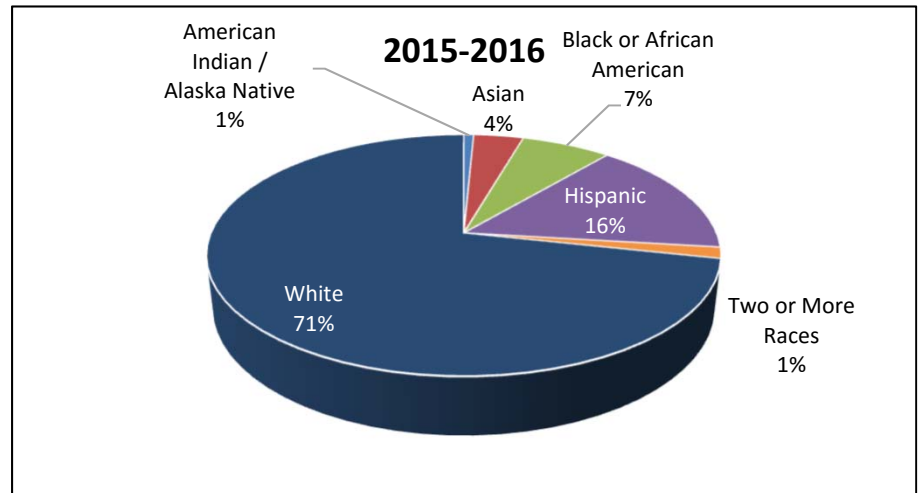
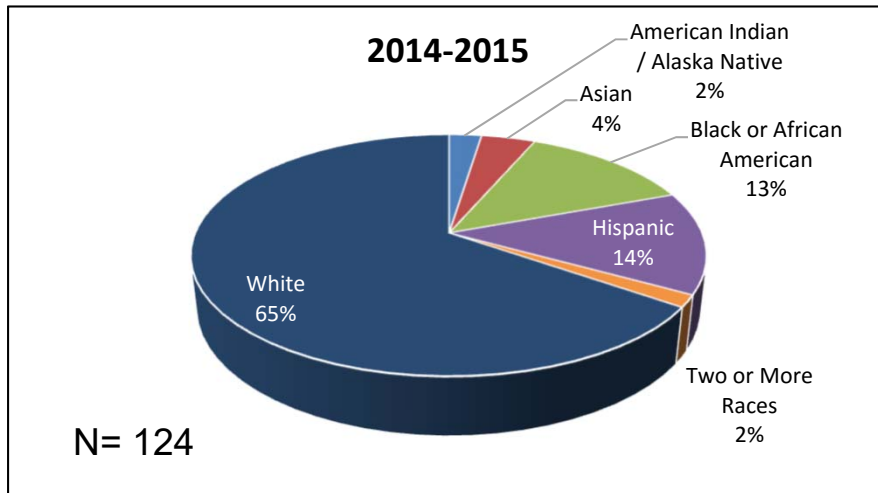
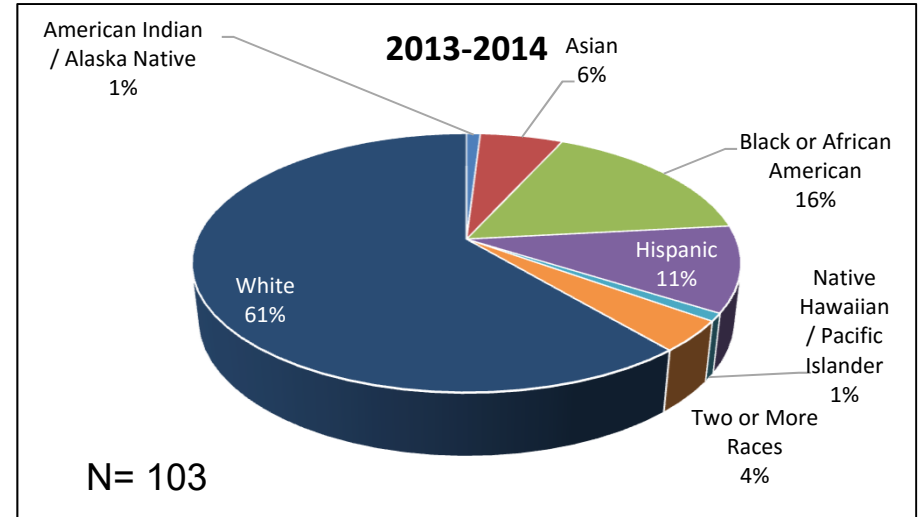
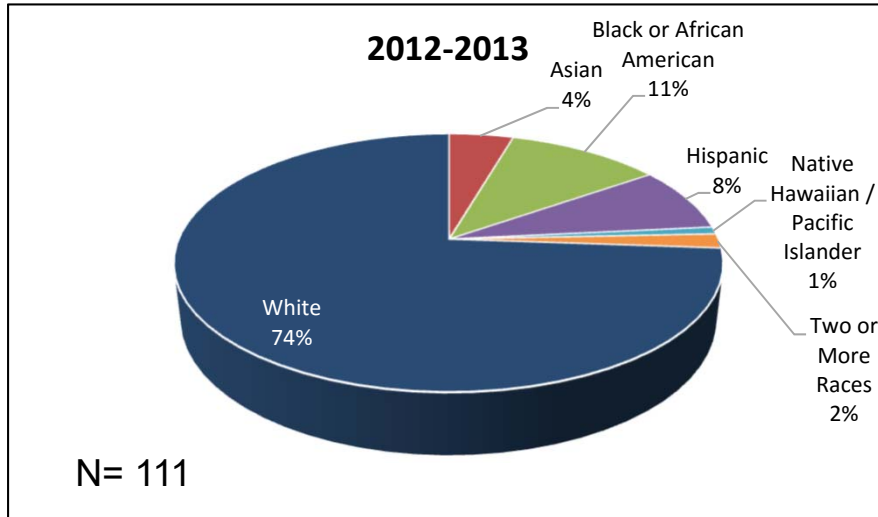


DSC Averages 2015-2016						
Amer Indian/ Alaska Native	Asian	Black or African Amer	Hispanic	Nat Hawaiian Pacif Islander	2 or More Races	White
0%	2%	14%	14%	0%	2%	66%

Excludes individuals whose race / ethnicity is not reported.

Source: IR Program Assessment Data

## Race / Ethnicity by Program 2067 - Computer Information Technology

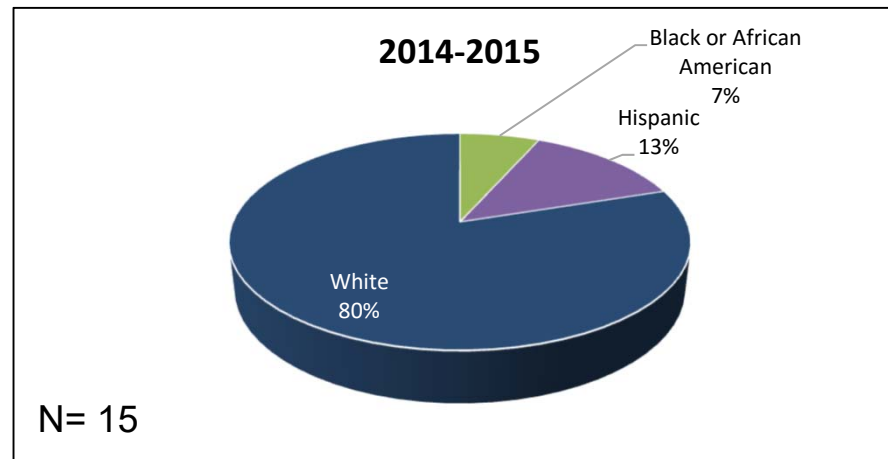
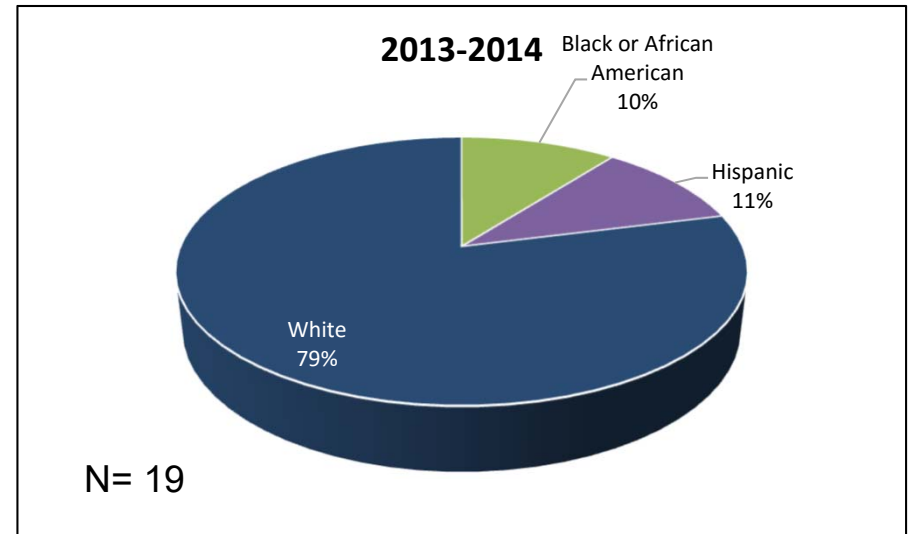
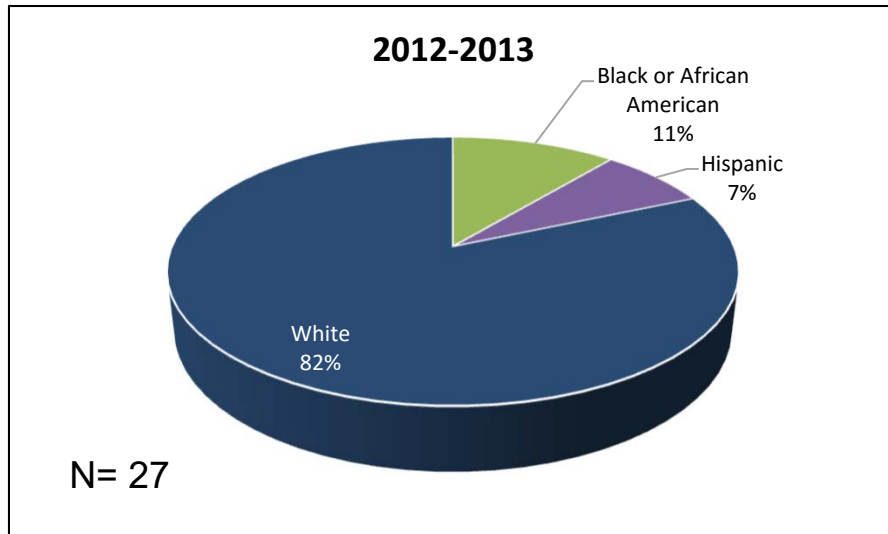


DSC Averages 2015-2016						
Amer Indian/ Alaska Native	Asian	Black or African Amer	Hispanic	Nat Hawaiian Pacif Islander	2 or More Races	White
0%	2%	14%	14%	0%	2%	66%

Excludes individuals whose race / ethnicity is not reported.

Source: IR Program Assessment Data

## Race / Ethnicity by Program 2204 - Simulation and Robotics Tech.



DSC Averages 2015-2016						
Amer Indian/ Alaska Native	Asian	Black or African Amer	Hispanic	Nat Hawaiian Pacif Islander	2 or More Races	White
0%	2%	14%	14%	0%	2%	66%

Excludes individuals whose race / ethnicity is not reported.

Source: IR Program Assessment Data