ASSESSMENT DAY

College of Business, Engineering and Technology

School of Building and Architectural Technology

March 29, 2018

Strengths

Challenges

Recommendations

Academic Assessment

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

Programs

2219 - Architectural and Building Technology

0927 - AutoCAD Foundations (Architectural)

0928 - AutoCAD Foundations (Engineering)

0929 - Drafting and Design Technology

2220 - Drafting and Design Technology (CAD)

2070 - Interior Design Technology

0816 - Interior Design Technology - Kitchen and Bath Specialization

Action Items from Last Assessment Day

Action Items for Improvement (02/02/2017):

1. Implementation of Interior Design Technology program pathways;
2. Review possibility of batch registration;
3. Find out if Perkins can help obtain printing equipment;
4. Visit Seminole State College and learn more about their success in the same program we offer;
5. Add staffing and equipment needs to the IPR.

Program Learning Outcomes

AS Interior Design Technology, code 2070
Certificate Interior Design Technology - Kitchen & Bath Specialization, code 0816

Graduates of the program will be able to:

1. Demonstrate knowledge of codes and problem solving skills through space planning utilizing hand and computer aided drawing techniques.

2. Identify and specify appropriate materials, techniques, and products for both residential and commercial design industries.

3. Demonstrate proficiency in all aspects of the industry, including but not limited to codes, theory, and application.

4. Demonstrate knowledge and application of historical references regarding architecture and interiors through modern application.

5. Communicate effectively through written documents, drawings, and verbal presentations.

6. Demonstrate knowledge of interior design project management including creating design concepts, estimating materials, budgeting, and project billing.

7. Apply knowledge of hard and soft window treatments, appropriate applications, estimated costs, and installation methods.
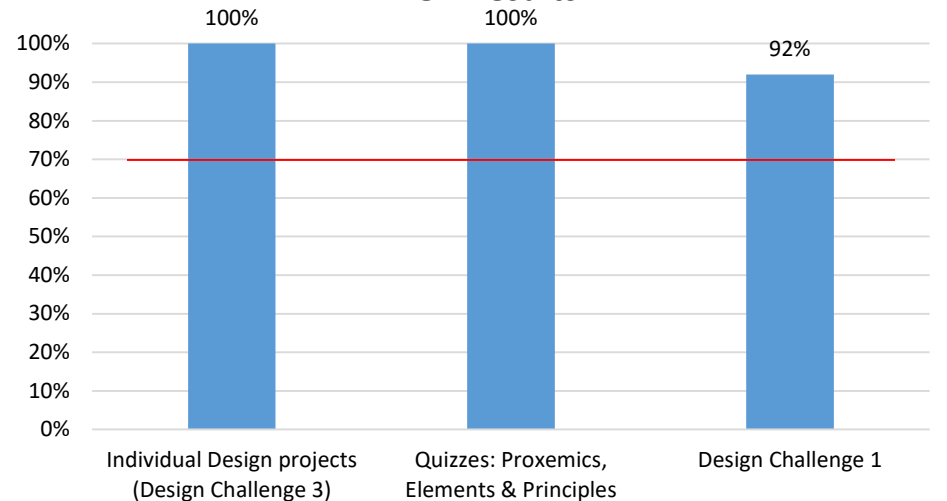
Assessment Results 2016-2017
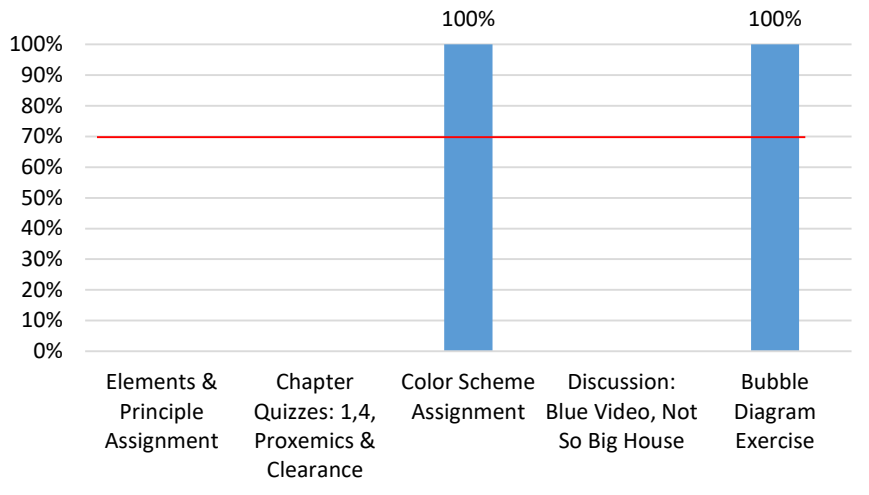
PLO1 Results

PLO1: Demonstrate knowledge of codes and problem solving skills through space planning utilizing hand and computer aided drawing techniques. *Target:70% of students will achieve 70% or higher in all assessment measures.*

PLO2 Results

PLO2: Identify and specify appropriate materials, techniques, and products for both residential and commercial design industries. *Target: 70% of students will achieve 70% or higher in all assessment measures.*

Assessment Results 2016-2017

PLO3 Results
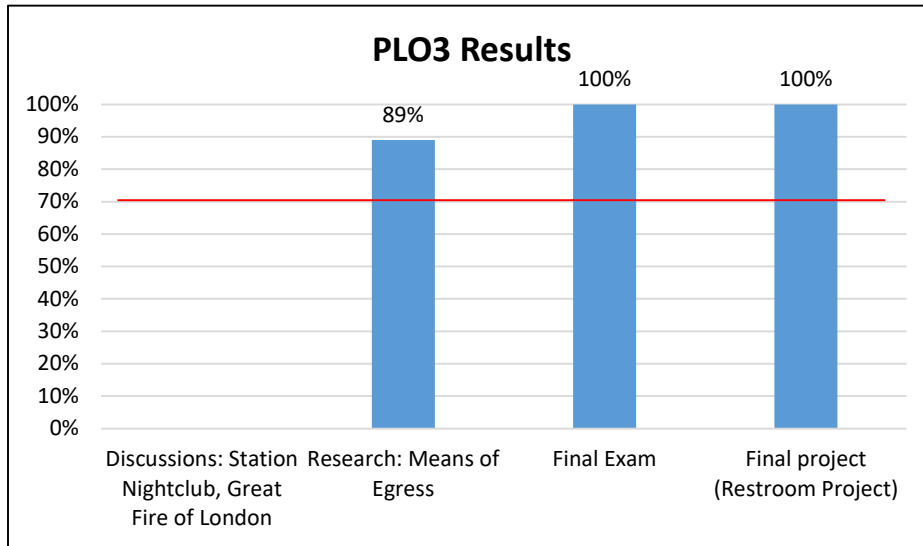
PLO3: Demonstrate proficiency in all aspects of the industry, including but not limited to codes, theory, and application. *Target: 70% of students will achieve 70% or higher in all assessment measures.et:*
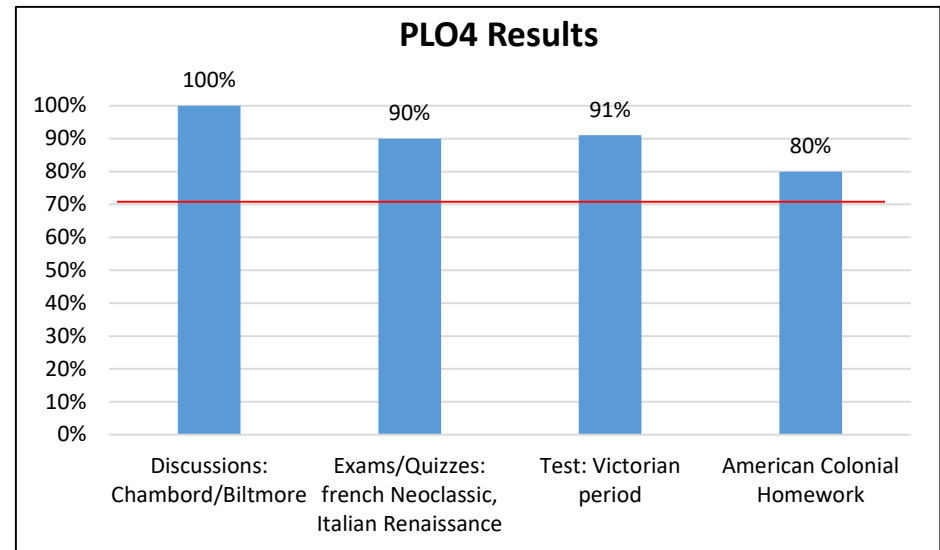
PLO4 Results

PLO4: Demonstrate knowledge and application of historical references regarding architecture and interiors through modern application. *Target: 70% of students will achieve 70% or higher in all assessment measures.*

Assessment Results 2016-2017

PLO5 Results

PLO5: Communicate effectively through written documents, drawings, and verbal presentations. *Target: 70% of students will achieve 70% of higher in all assessment measures*

PLO6 Results
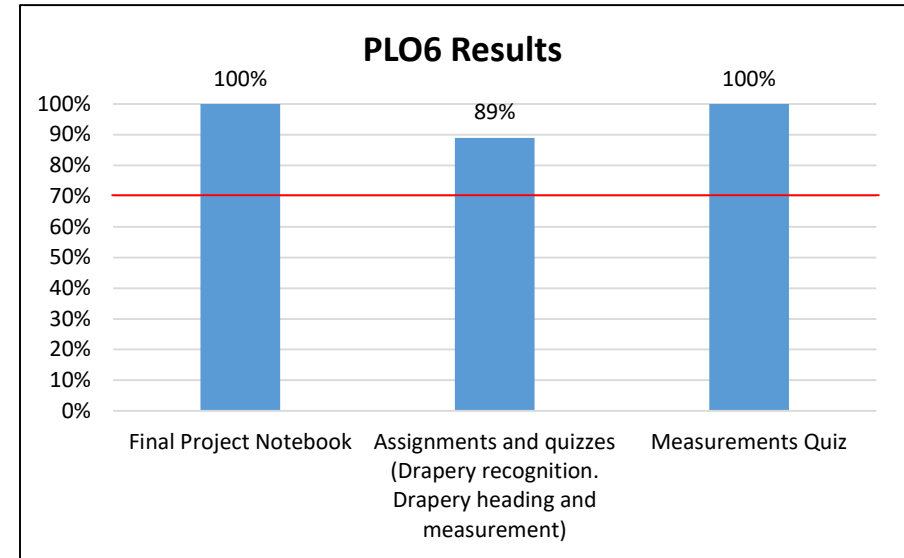
PLO6: Demonstrate knowledge of interior design project management including creating design concepts, estimating materials, budgeting, and project billing. *Target: 70% of students will achieve 70% of higher in all assessment measures*
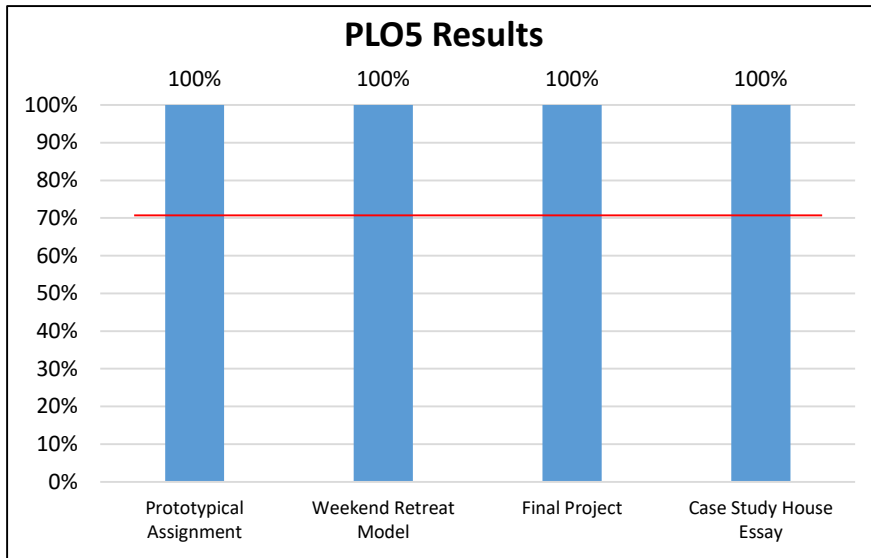
PLO7 Results
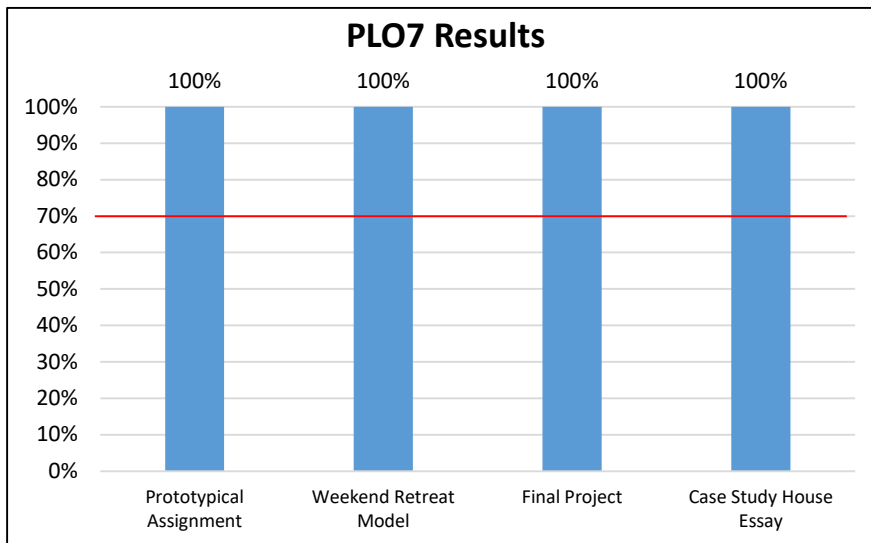
PLO7: Apply knowledge of hard and soft window treatments, appropriate applications, estimated costs, and installation methods. *Target: 70% of students will achieve 70% of higher in all assessment measures*

Program Learning Outcomes

A.S. Architectural and Building Technology, code 2219
Auto CAD Foundations (Architectural), code 0927

Graduates of the program will be able to:

1. Demonstrate knowledge and ability to follow rules, regulations and building codes.

2. Identify and use different tools, equipment, materials and products used in the industry.

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

4. Demonstrate knowledge and skill in residential, commercial and industrial markets.

5. Demonstrate the ability to plan and initiate projects related to the field.

Assessment Results 2016-2017
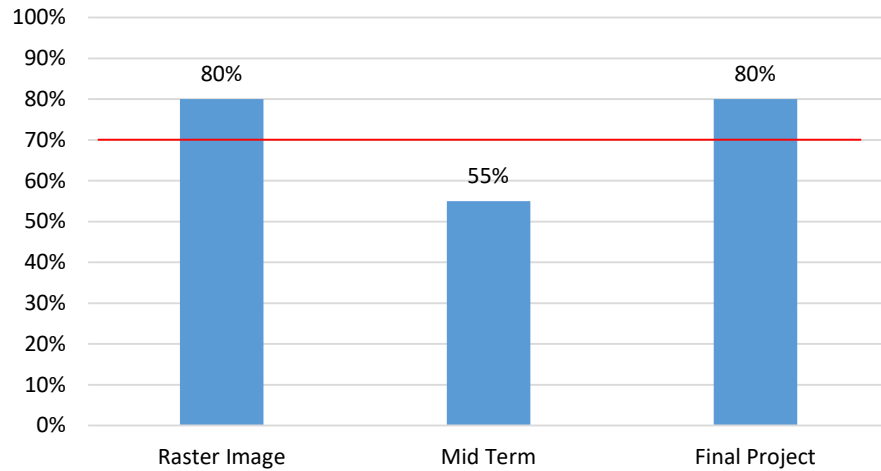
PLO1 Results

PLO1: Demonstrate knowledge and ability to follow rules, regulations and building codes. *Target: 70% of students achieving 70% or higher in all assessment measures*
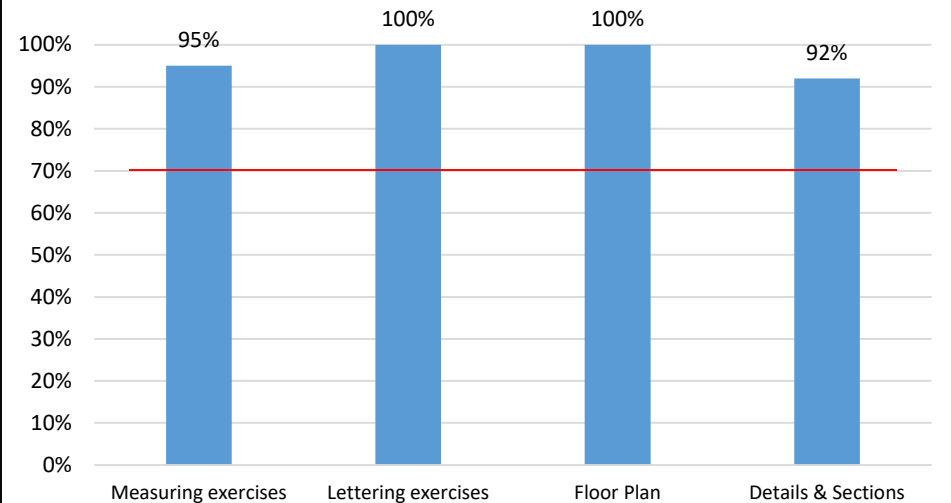
PLO2 Results

PLO2: Identify and use different tools, equipment, materials and products used in the industry. *Target: 70% of students achieving 70% or higher in all assessment measures*

Assessment Results 2016-2017

PLO3 Results
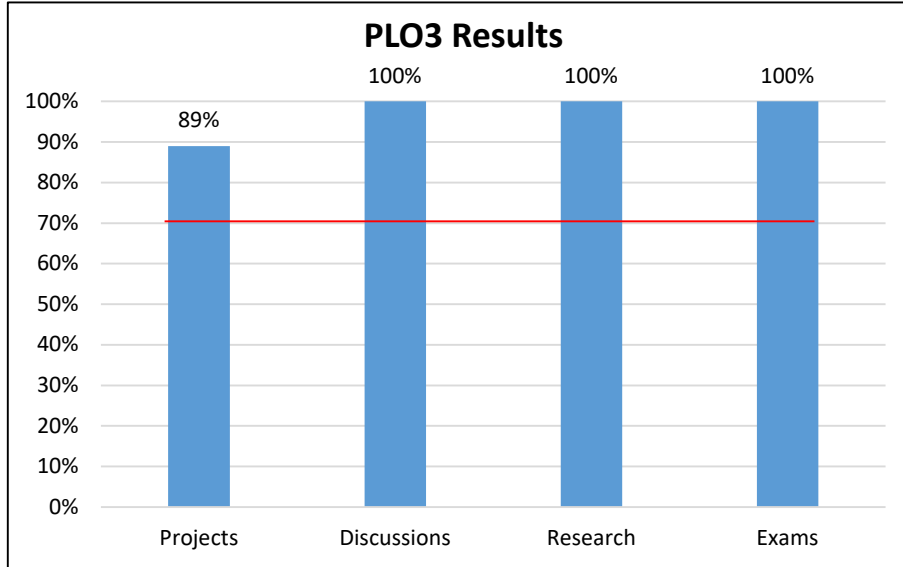
PLO3: Demonstrate proficiency in all aspects of the industry, including but not limited to theory, application, troubleshooting and safety. *Target: 70% of students achieving 70% or higher in all assessment measures*

PLO4 Results
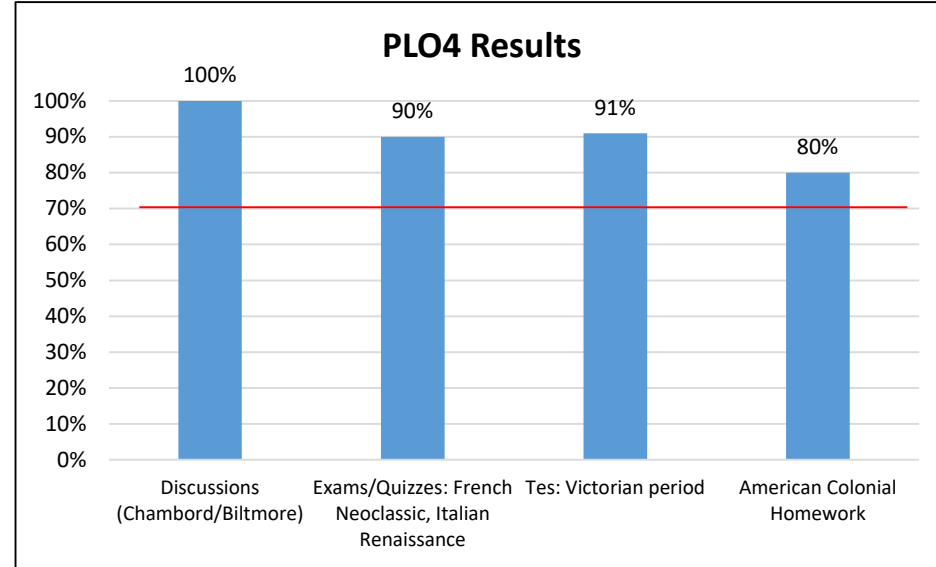
PLO4: Demonstrate knowledge and skill in residential, commercial and industrial markets. *Target: 70% of students achieving 70% or higher in all assessment measures*

PLO5 Results
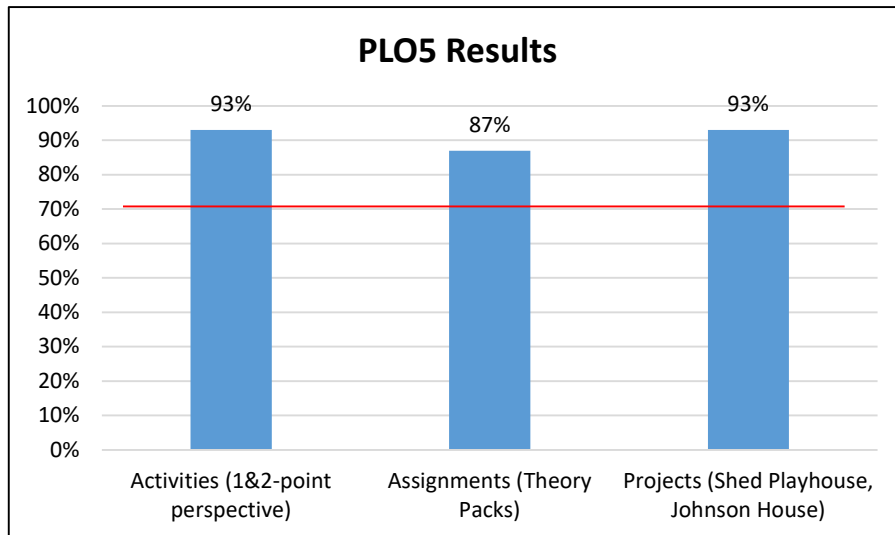
PLO5: Demonstrate the ability to plan and initiate projects related to the field. *Target: 70% of students achieving 70% or higher in all assessment measures*

Program Learning Outcomes

AS Drafting and Design Technology (CAD), code 2220
Certificate Auto CAD Foundations (Engineering), code 0928
Certificate Drafting and Design, code 0929

Graduates of the program will be able to:

1. Apply the knowledge, techniques, skills, and modern tools in drafting & design technology practice to emerging applications of mathematics, science, and engineering technology by using design software to structure solutions to respond to needs and solve characteristic, discipline-based problems.

2. Illustrate core concepts of the drafting and design field while executing analytical, practical or creative tasks.

3. Use universal drawing standards to communicate designs effectively.

4. Illustrate contemporary terminology used in the design communities in written and/or spoken communications.

5. Present accurate calculations and symbolic operations and explain how such calculations and operations are used in designs.

6. Take an active role in a community context (work, service, co-curricular activities, etc.), and examine the civic issues encountered and the insights gained from the community experience.

7. Translate ideas, sketches and specifications into industry standard assembly drawings using 2d and 3d CAD.

8. Justify the influence of contemporary challenges such as sustainable design principles, energy efficiency, and geographical factors on solutions and develop a lifelong commitment to quality, timeliness, and continuous improvement.

9. Assess professional and ethical responsibilities, and the impact of engineering solutions in a global, societal, and environmental context.

Assessment Results 2016-2017

PLO1 Results
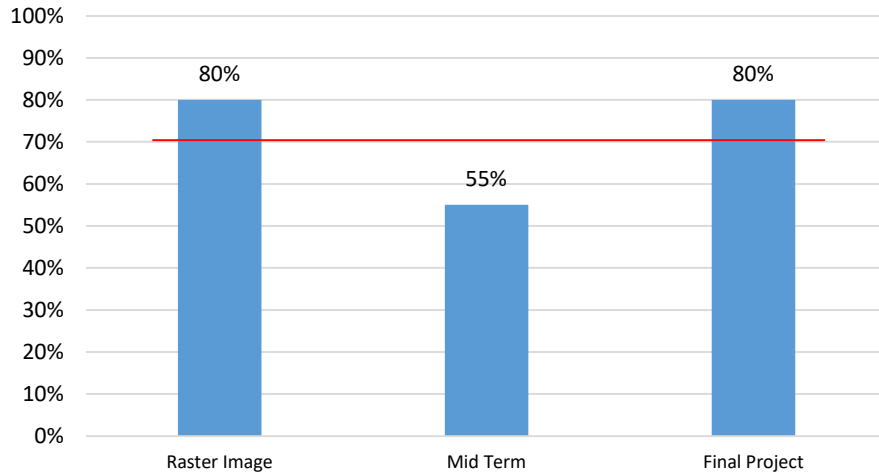
PLO1; Apply the knowledge, techniques, skills, and modern tools in drafting & design technology practice to emerging applications of mathematics, science, and engineering technology by using design software to structure solutions to respond to needs and solve characteristic, discipline-based problems. *Target: 70% of students achieving 70% or higher in all assessment measures*
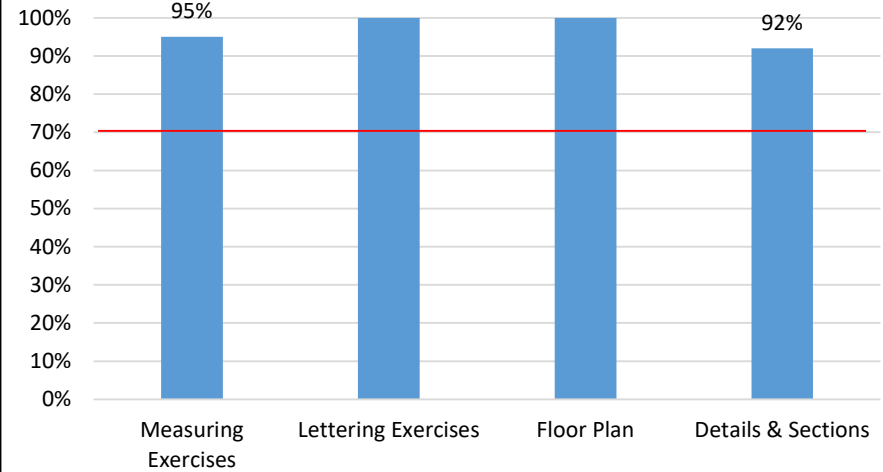
PLO2 Results

PLO2: Illustrate core concepts of the drafting and design field while executing analytical, practical or creative tasks. *Target: 70% of students achieving 70% or higher in all assessment measures*

PLO3 Results
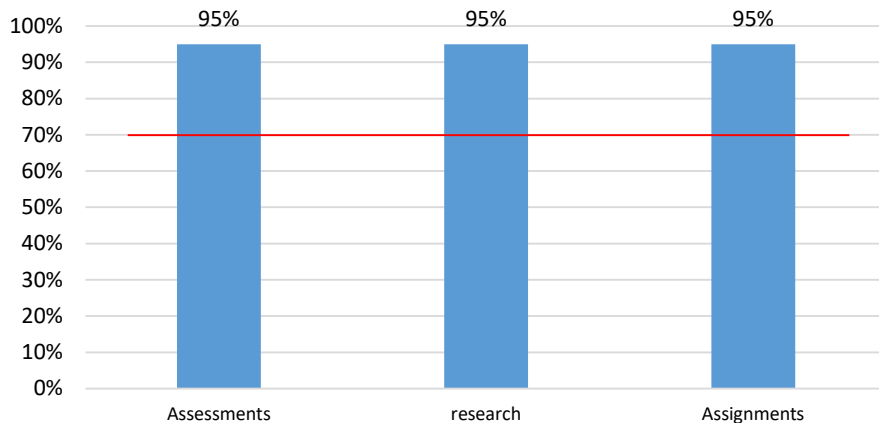
Results do not included students who did not attempt the activity

PLO3: Use universal drawing standards to communicate designs effectively. *Target: 70% of students achieving 70% or higher in all assessment measures*

Assessment Results 2016-2017

PLO4 Results
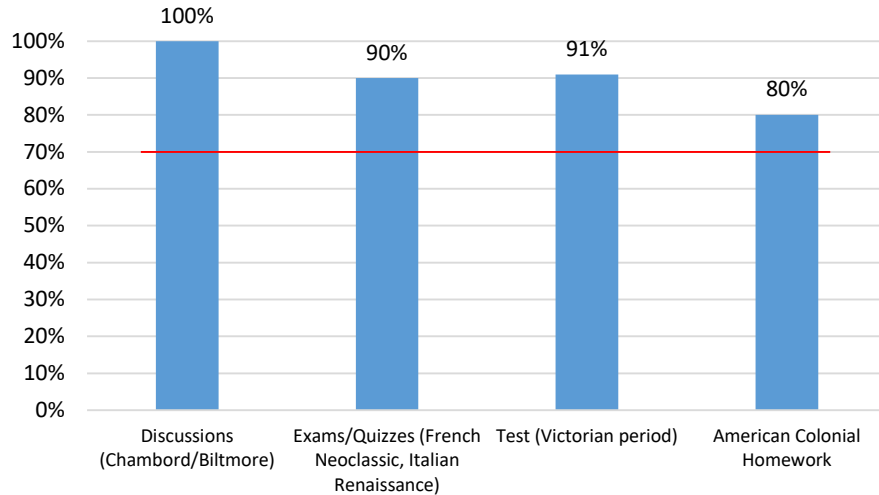
PLO4: Illustrate contemporary terminology used in the design communities in written and/or spoken communications. *Target: 70% of students achieving 70% or higher in all assessment measures*
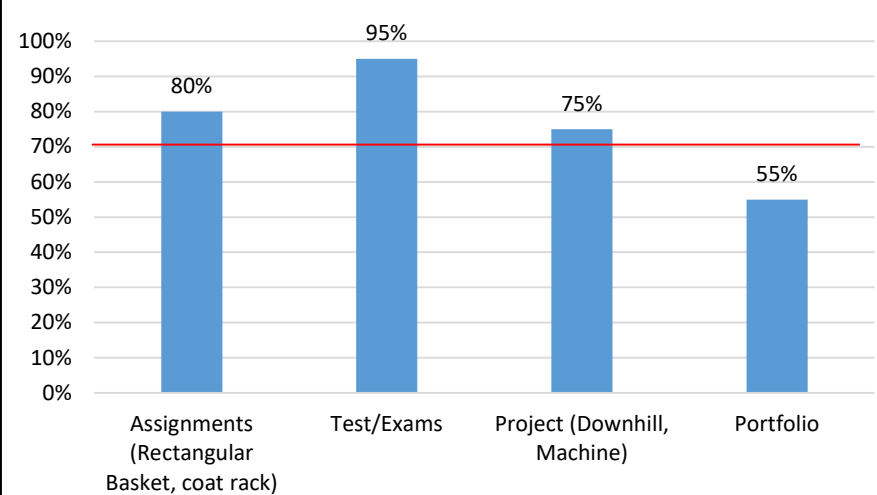
PLO5 Results

PLO5: Present accurate calculations and symbolic operations and explain how such calculations and operations are used in designs. *Target: 70% of students achieving 70% or higher in all assessment measures*

PLO6 Results
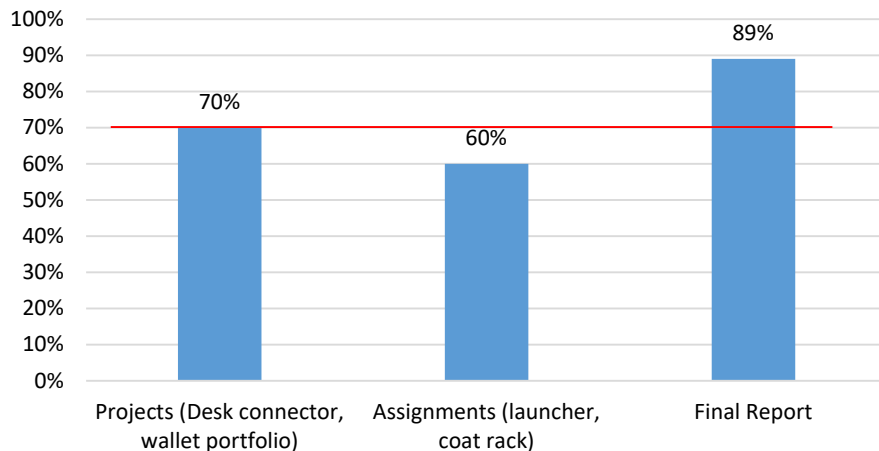
PLO6: Take an active role in a community context (work, service, co-curricular activities, etc.), and examine the civic issues encountered and the insights gained from the community experience. *Target: 70% of students achieving 70% or higher in all assessment measures*

Assessment Results 2016-2017

PLO7 Results
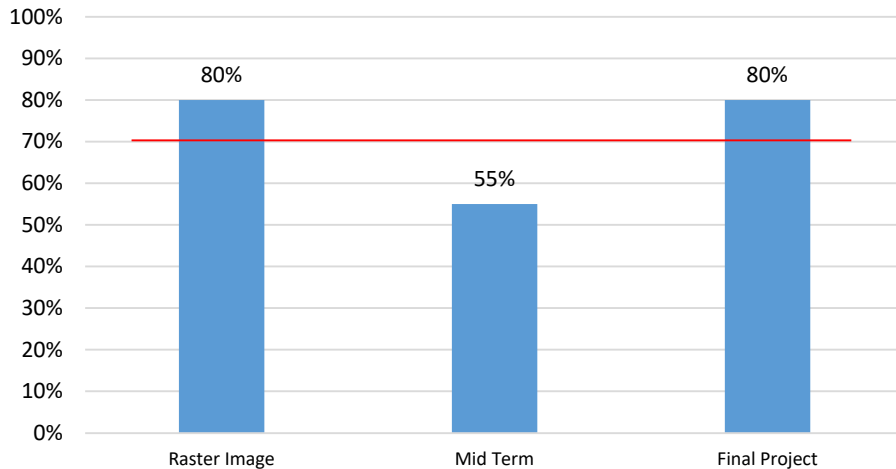
PLO7: Translate ideas, sketches and specifications into industry standard assembly drawings using 2d and 3d CAD. *Target: 70% of students achieving 70% or higher in all assessment measures*

PLO8 Results
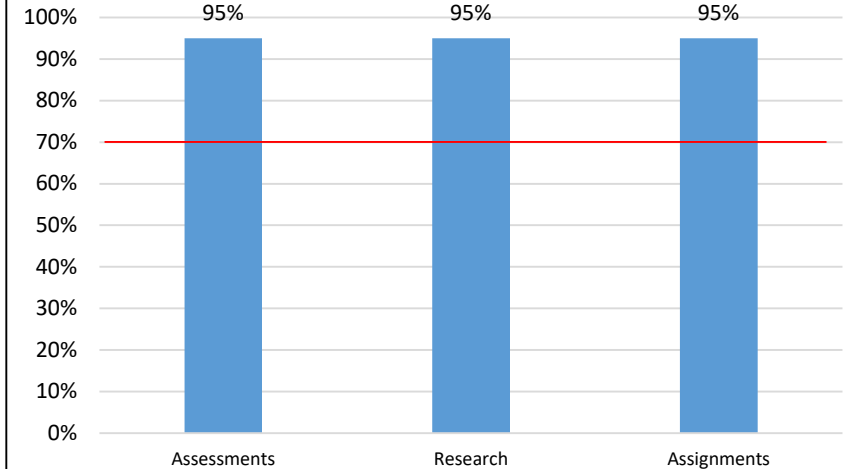
PLO9: Justify the influence of contemporary challenges such as sustainable design principles, energy efficiency, and geographical factors on solutions and develop a lifelong commitment to quality, timeliness, and continuous improvement. *Target: 70% of students achieving 70% or higher in all assessment measures*

PLO9 Results
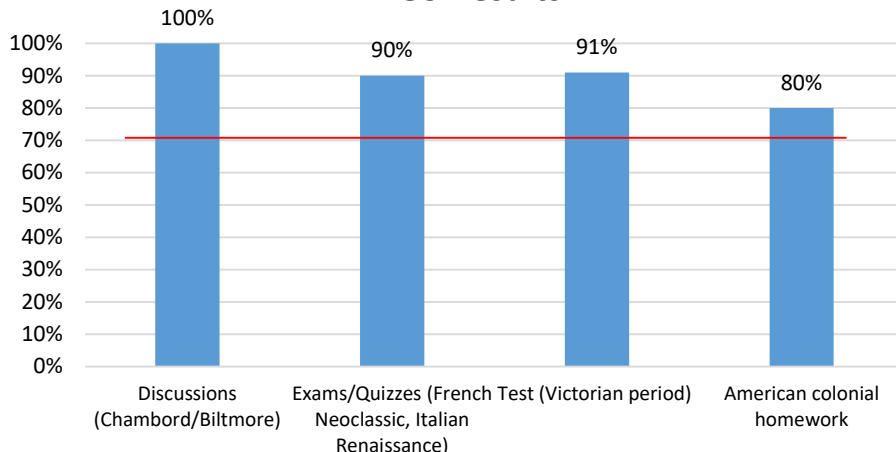
PLO10: Assess professional and ethical responsibilities, and the impact of engineering solutions in a global, societal, and environmental context. *Target: 70% of students achieving 70% or higher in all assessment measures*

Assessment Data 2015-2016 and 2016-2017: Programs and Institutional Learning Outcomes

Program	Critical/ Creative Thinking		Communication		Cultural Literacy		Information and Technical Literacy	
	15/16	16/17	15/16	16/17	15/16	16/17	15/16	16/17
2219 - Architectural and Building Technology	75%-87.5%	92%-100%	72.4%-100%	63.6%-81.8%	83%-100%	80%-100%	81%-100%	55%-80%
0927 - AutoCAD Foundations (Architectural)	75%-87.5%	92%-100%	72.4%-100%	63.6%-81.8%	83%-100%	80%-100%	81%-100%	55%-80%
0928 - AutoCAD Foundations (Engineering)	81.8%-100%	92%-100%	70%-100%	63.6%-81.8%	83%-100%	80%-100%	76.9%-100%	55%-80%
0929 - Drafting and Design Technology	81.8%-100%	92%-100%	70%-100%	63.6%-81.8%	83%-100%	80%-100%	76.9%-100%	55%-80%
2220 - Drafting and Design Technology (CAD)	81.8%-100%	92%-100%	70%-100%	63.6%-81.8%	83%-100%	80%-100%	76.9%-100%	55%-80%
2070 - Interior Design Technology	76.9%-100%	92%-100%	75%-87.5%	63.6%-81.8%	83%-100%	80%-100%	74%-100%	55%-80%
0816 - Interior Design Technology - Kitchen and Bath Specialization	76.9%-100%	92%-100%	75%-87.5%	63.6%-81.8%	83%-100%	80%-100%	74%-100%	55%-80%

Course Success Rates (1 of 3)

Major	Course	2013-2014		2014-2015		2015-2016		2016-2017	
		Attempted	% Successful	Attempted	% Successful	Attempted	% Successful	Attempted	% Successful
2070 Interior Design Tech	HHD1321	7	100%	24	88%	40	75%	31	61%
	HHD1361	11	91%	13	92%			12	75%
	IND1021	9	67%	9	89%	10	100%	12	92%
	IND1211	19	79%	18	78%	21	62%	43	74%
	IND1300	8	100%	14	86%	17	82%	14	71%
	IND1429			7	86%	11	73%		
	IND1432			17	76%	21	90%	11	73%
	IND1935	17	94%	19	84%	29	90%	21	76%
	IND2210	8	100%			7	100%	6	50%
	IND2220	7	71%	7	100%	5	100%	6	67%
	IND2410	2	100%	13	92%	14	93%	8	75%
	IND2411	16	88%			21	90%		
	IND2414			9	89%	2	50%	8	100%
	IND2501	7	86%			12	100%	22	77%
	IND2608	20	80%	17	82%	31	77%	22	73%
	IND2949	8	88%	12	92%	9	100%	9	89%
	Total	150	85%	179	86%	250	84%	225	74%

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	2013-2014		2014-2015		2015-2016		2016-2017		
		Attempted	% Successful	Attempted	% Successful	Attempted	% Successful	Attempted	% Successful	
2219 Architectural/ Bldg. Tech.	BCN1210	15	93%	17	71%	21	67%	26	77%	↑
	BCN1251	24	96%	36	75%	54	74%	44	52%	
	BCN1253	8	88%	8	75%	17	88%	26	96%	↑
	BCN2560	1	0%			2	100%			
	BCT1040	9	89%	1	100%	10	50%	11	91%	↑
	BCT2949	5	100%	5	80%	1	0%	4	100%	
	ETC2207	8	100%			1	100%	14	86%	
	ETC2245	10	80%	17	59%	16	94%	15	67%	
	ETD2390	13	92%	15	87%	20	95%	21	100%	↑
	ETD2540	9	78%	7	100%	13	85%	17	88%	
	ETG2949	3	100%	5	100%	4	100%	4	100%	
	*Total	182	91%	177	78%	264	80%	182	79%	

This total include the students in each lab

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 (3 of 3)

Major	Course	2013-2014		2014-2015		2015-2016		2016-2017	
		Attempted	% Successful	Attempted	% Successful	Attempted	% Successful	Attempted	% Successful
2220 Drafting And Design-CAD	EGN1111			14	93%	12	92%		
	ETD2320	49	65%	50	78%	54	78%	49	59%
	ETD2340	23	65%	26	77%	29	83%	35	86%
	ETD2357	31	65%	18	78%	16	81%	19	74%
	ETD2364	19	53%	17	94%	16	75%	19	74%
	ETD2368	4	50%			7	86%		
	ETD2377			11	91%	11	82%	1	0%
	ETD2465	9	100%	9	89%	11	91%	20	70%
	ETG2520			10	90%	8	75%	10	100%
	Total	283	65%	300	83%	320	81%	153	73%
Department		615*	77%	656*	82%	834*	82%	560	75%

This total include the students in each lab

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

Major, Associated Courses and Instructional Method			2013-2014		2014-2015		2015-2016		2016-2017	
			Attempted	% Successful	Attempted	% Successful	Attempted	% Successful	Attempted	% Successful
2070 Interior Design Tech	HHD1321	Hybrid	7	100%			13	69%	11	73%
		Lecture			12	92%	8	75%		
		Online			11	82%	19	79%	20	55%
		Total	7	100%	24	88%	40	75%	31	61%
	IND1211	Hybrid								
		Lecture							15	53%
		Online	19	79%	18	78%			28	86%
		Total	19	79%	18	78%			43	74%
	IND1432	Hybrid			17	76%	13	92%		
		Lecture					8	88%		
		Total			17	76%	21	90%		
	IND1935	Hybrid			19	84%	14	93%	11	64%
		Lecture	15	93%			15	87%	10	90%
		Total	17	94%	19	84%	29	90%	21	76%
	IND2210	DIS					1	100%	1	0%
		Lecture					6	100%	5	60%
		Total					7	100%	6	50%

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 3)

Major, Associated Courses and Sub-session				2013-2014		2014-2015		2015-2016		2016-2017	
				Attempted	% Successful	Attempted	% Successful	Attempted	% Successful	Attempted	% Successful
2070 Interior Design Tech.	HHD1321	FA	Full term	7	100%	11	82%	22	73%	11	73%
		SP	Full term			12	92%	18	78%	20	55%
		SU	Full term			1	100%				
			Total	7	100%	24	88%	40	75%	31	61%
	HHD1361	FA	Full term	11	91%						
		SP	Full term			13	92%				
			Total	11	91%	13	92%				
	IND1221	FA	Full term							28	86%
		SP	Full term							15	53%
			Total							43	74%
	IND1429	FA	Full term			7	86%				
		SP	Full term								
			Total			7	86%				
	IND1432	SP	Full term			17	76%				
		SU	Full term								
			Total			17	76%				
	IND1935	FA	Full term	2	100%						
		SP	Full term	15	93%	19	84%				
			Total	17	94%	19	84%				
	IND2210	FA	Full term					1	100%	1	0%
		SP	Full term					6	100%	5	60%
			Total					7	100%	6	50%
	IND2211	FA	Full term					11	91%		
		SP	Full term					10	90%		
			Total					21	90%		

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 (2 of 3)

Major or Dept., Associated Courses and Sub-session				2013-2014		2014-2015		2015-2016		2016-2017	
				Attempted	% Successful	Attempted	% Successful	Attempted	% Successful	Attempted	% Successful
2070 Interior Design Tech.	IND2414	FA	Full term					1	100%		
		SP	Full term			9	89%	1	0%		
			Total			9	89%	2	50%		
	IND2501	FA	Full term					1	100%		
		SP	Full term					11	100%		
			Total					12	100%		
	IND2949	FA	B term	1	100%						
			Full term					2	100%	2	50%
		SP	B term								
			Full term	2	100%	5	80%	4	100%	6	100%
		SU	Full term	1	100%	4	100%	3	100%	1	100%
			Total	8	88%	12	92%	9	100%	9	89%
2219 Architectural/ Bldg. Tech	BCN1210	FA	Full term	1	100%						
		SP	Full term	14	93%	17	71%				
			Total	15	93%	17	71%				
	BCN1251	FA	Full term	13	100%	18	78%	21	71%	22	59%
		SP	Full term	11	91%	18	72%	33	76%	22	45%
			Total	24	96%	36	75%	54	74%	44	52%
	BCN1253	FA	Full term			8	75%	10	90%	15	93%
		SP	Full term	8	88%			7	86%	11	100%
			Total	8	88%	8	75%	17	88%	26	96%
	BCT2949	FA	Full term	3	100%	4	100%			1	100%
		SP	B term							1	100%
			Full term	1	100%	1	0%			2	100%
		SU	Full term	1	100%						
			Total	5	100%	5	80%			4	100%

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

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

Major, Associated Courses and Sub-session				2013-2014 Attempted	2013-2014 % Successful	2014-2015 Attempted	2014-2015 % Successful	2015-2016 Attempted	2015-2016 % Successful	2016-2017 Attempted	2016-2017 % Successful	
2219 Architectural/ Bldg Tech	ETC2245	FA	Full term			2	100%					
		SP	Full term	10	80%	15	53%					
			Total	10	80%	17	59%					
	ETD2390	FA	Full term					13	100%	12	100%	
		SP	Full term					7	86%	9	100%	↑
			Total					20	95%	21	100%	
	ETD2540	FA	Full term			1	100%					
		SP	Full term	9	78%	6	100%					
			Total	9	78%	7	100%					
	ETG2949	FA	B term			1	100%					
		FA	Full term	2	100%	2	100%	1	100%			
		SP	B term			1	100%	1	100%	1	100%	
		SP	Full term							3	100%	
		SU	Full term	1	100%	1	100%	2	100%			
			Total	3	100%	5	100%	4	100%	4	100%	
2220 Drafting and Design-cad	ETD2320	FA	Full term	27	78%	25	80%	29	69%	21	57%	
		SP	Full term	22	50%	25	76%	25	88%	28	61%	
			Total	49	65%	50	78%	54	78%	49	59%	
	ETD2340	FA	Full term	11	73%	12	83%	13	77%	24	88%	↑
		SP	Full term	12	58%	14	71%	16	88%	11	82%	
			Total	23	65%	26	77%	29	83%	35	86%	↑

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

Overall Course Success Rates by Session/Sub-session

Major and Sub-session			2013-2014		2014-2015		2015-2016		2016-2017		
			Attempted	% Successful	Attempted	% Successful	Attempted	% Successful	Attempted	% Successful	
2070 Interior Design Tech	FA	Full term	90	83%	90	86%	112	76%	104	77%	↑
	SP	Full term	58	88%	84	86%	125	90%	112	71%	
	SU	Full term	1	100%	5	100%	13	92%	9	78%	
		Total	150	85%	179	86%	250	84%	225	74%	
2219 Architectural / Bldg. Tech.	FA	Full term	41	95%	51	84%	122	79%	100	81%	↑
		B term			1	100%			2	100%	
	SP	Full term	69	87%	57	68%	140	81%	79	76%	
		Total	69	87%	58	69%	140	81%	81	77%	
	SU	Full term	2	100%	1	100%	2	100%	1	100%	
		Total	112	90%	111	77%	264	80%	182	79%	
2220 Drafting And Design-CAD	FA	Full term	59	68%	56	86%	146	74%	74	77%	↑
	SP	Full term	82	62%	82	79%	160	88%	79	68%	
	SU	Full term					14	86%	15	93%	↑
		Total	141	65%	155	83%	320	81%	168	74%	
		Total	403	79%	445	83%	834	82%	575	76%	

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

Grade Distribution (1 of 3)

Major	Term	Course	2016-2017					
			Pass (A, B, C)	Fail (D, F)	FNs	Ws	W1s	Incs
2070 Interior Design Tech	Summer 2016	IND2410	6	1	0	1	0	0
		IND2949	1	0	0	0	0	0
		Total	7 (77.8%)	1 (11.1%)	0 (0%)	1 (11.1%)	0 (0%)	0 (0%)
	Fall 2016	HHD1321	8	3	0	0	0	0
		HHD1361	9	2	0	1	0	0
		IND1211	24	1	3	0	0	0
		IND1300	10	4	0	0	0	0
		IND2210	0	1	0	0	0	0
		IND2220	4	1	0	1	0	0
		IND2414	8	0	0	0	0	0
		IND2608	16	0	4	2	0	0
		IND2949	1	0	0	1	0	0
		Total	80 (76.9%)	12 (11.5%)	7 (6.7%)	5 (4.8%)	0 (0%)	0 (0%)
	Spring 2017	HHD1321	11	3	0	3	3	0
		IND1021	11	1	0	0	0	0
		IND1211	8	6	0	0	1	0
		IND1432	8	2	0	0	1	0
		IND1935	16	4	0	1	0	0
		IND2210	3	1	0	1	0	0
		IND2501	17	3	0	1	1	0
		IND2949	6	0	0	0	0	0
		Total	80 (71.4%)	20 (17.8%)	0 (0%)	6 (5.4%)	6 (5.4%)	0 (0%)
		Program Total	167	33	7	12	6	0 (0%)

Grade Distribution (2 of 3)

Major	Term	Course	2016-2017					
			Pass (A, B, C)	Fail (D, F)	FNs	Ws	W1s	Incs
2219 Architectural/ Bldg. Tech.	Summer 2016	BCT2949	1	0	0	0	0	0
		Total	1 (100%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)
	Fall 2016	BCN1210	20	1	5	0	0	0
		BCN1251C	13	9	0	0	0	0
		BCN1253C	14	1	0	0	0	0
		BCT1040	10	1	0	0	0	0
		ETC2207C	12	0	0	2	0	0
		ETD2390C	12	0	0	0	0	0
		Total	81 (81%)	12 (12%)	5 (5%)	2 (2%)	0 (0%)	0 (0%)
	Spring 2017	BCN1251C	10	9	0	3	0	0
		BCN1253C	11	0	0	0	0	0
		BCT2949	3	0	0	0	0	0
		ETC2245	10	3	0	1	1	0
		ETD2390C	9	0	0	0	0	0
		ETD2540C	15	1	0	1	0	0
		ETG2949	4	0	0	0	0	0
		Total	62 (76.5%)	13 (16%)	0 (0%)	5 (6.3%)	1 (1.2%)	0 (0%)
		Program Total	144 (79.2%)	25 (13.8%)	5 (2.7%)	7 (3.8%)	1 (0.5%)	0 (0%)

Grade Distribution (3 of 3)

Major	Term	Course	2016-2017					
			Pass (A, B, C)	Fail (D, F)	FNs	Ws	W1s	Incs
2070 Interior Design Tech	Summer 2016	ETD2320L	14	0	0	1	0	0
		Total	14 (93.3%)	0 (0%)	0 (0%)	1 (6.7%)	0 (0%)	0 (0%)
	Fall 2016	ETD2320C	12	6	1	1	0	0
		ETD2340C	21	2	0	1	0	0
		ETD2364C	14	5	0	0	0	0
		ETG2520	10	0	0	0	0	0
		Total	57 (78.1%)	13 (17.8%)	1 (1.4%)	2 (2.7%)	0 (0%)	0 (0%)
	Spring 2017	ETD2320C	17	5	0	3	3	0
		ETD2340C	9	2	0	0	0	0
		ETD2357C	14	3	2	0	0	0
		ETD2377C	0	1	0	0	0	0
		ETD2465C	14	3	3	0	0	0
		Total	54 (68.4%)	14 (17.7%)	5 (6.3%)	3 (3.8%)	3 (3.8%)	0 (0%)
		Program Total	125 (74.9%)	27 (16.2%)	6 (3.6%)	6 (3.6%)	3 (1.7%)	0 (0%)

Average Class Size by Course (1 of 2)

Major and Associated Courses		2013-2014		2014-2015		2015-2016		2016-2017	
		Sections	Avg. Size	Sections	Avg. Size	Sections	Avg. Size	Sections	Avg. Size
2070 Interior Design Tech	HHD1321	1	7	2	12	4	10	2	16
	HHD1361	1	11	1	13			1	12
	IND1021	1	9	1	9	1	10	1	12
	IND1211	1	19	1	18	1	21	2	22
	IND1300	1	8	1	14	1	17	1	14
	IND1429			1	7	1	11		
	IND1432			1	17	2	11	1	11
	IND1935	1	15	1	19	2	15	2	11
	IND2210	1	8					1	5
	IND2220	1	7	1	7	1	6	1	6
	IND2410			1	13	1	5	1	8
	IND2411	1	14			1	14		
	IND2414			1	9	2	11	1	8
	IND2501	1	7			1	11	1	22
	IND2608	1	20	1	17	2	16	1	22
	IND2949							4	2
	Total	**12**	**11**	**13**	**13**	**20**	**12**	**20**	**11**
2219 Architectural / Bldg Tech	BCN1210	1	14	1	17	1	21	1	26
	BCN1251	2	12	2	18	3	18	2	22
	BCN1253	1	8	1	8	2	9	2	13
	BCT1040	1	9			1	10	1	11
	BCT2949							2	2
	ETC2207	1	8					1	14
	ETC2245	1	10	1	15	1	16	1	15

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 Course (2 of 2)

Major and Associated Courses		2013-2014		2014-2015		2015-2016		2016-2017	
		Sections	Avg. Size	Sections	Avg. Size	Sections	Avg. Size	Sections	Avg. Size
2219 Architectural/ Bldg. Tech.	ETD2390	1	13	1	15	2	10	1	12
	ETD2540	1	9	1	6	1	13	1	17
	ETG2949							2	2
	Total	10	10	7	14	13	13	14	12
2220 Drafting and Design-CAD	EGN1111			1	14	1	12		
	EGS1111	1	6						
	ETD2320	2	25	2	25	2	27	3	20
	ETD2340	2	12	2	13	2	15	2	18
	ETD2357	2	16	1	18	1	16	1	19
	ETD2364	2	10	1	17	1	16	1	19
	ETD2368	1	4			1	7		
	ETD2377			1	9	1	11		
	ETD2465	1	9	1	9	1	11	1	20
	ETG2520			1	10	1	8	1	10
	Total	11	13	10	15	12	15	9	19
Department		33	11	30	14	45	13	43	13

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

Major, Associated Courses and Instructional Method			2013-2014		2014-2015		2015-2016		2016-2017	
			Sections	Avg. Size	Sections	Avg. Size	Sections	Avg. Size	Sections	Avg. Size
2070 Interior Design Tech	HHD1321	Hybrid	1	7			1	13	1	11
		Lecture			1	12	1	8		
		Online			1	11	2	10	1	20
		Total	1	7	2	12	4	10		
	IND1211	Lecture							1	15
		Online	1	19	1	18			1	28
		Total	1	19	1	18			2	22
	IND1432	Hybrid			1	17	1	13		
		Lecture					1	8		
		Total			1	17	2	11		
	IND1935	Hybrid			1	19	1	14		
		Lecture	1	15					1	11
		Online					1	15	1	10
		Total	1	15	1	19	2	15	2	11
	IND2608	Hybrid					1	12		
		Online					1	19		
		Total					2	16		

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.

College Total

Instructional Method	2013-2014 Avg. Size	2014-2015 Avg. Size	2015-2016 Avg. Size	2016-2017 Avg. Size
Hybrid	22	22	21	23
Lecture	23	22	22	21
Online	28	29	30	30

Performance Funding - Graduation Rates (1 of 2)

Major	Fall Cohort Year	# in Cohort	150% Graduates	150% Graduation Rate	200% Graduates	200% Graduation Rate
0816- Interior Design Tech-Kitchen and Bath Specialization	2013	4	0	0.0%	0	0.0%
	2014	2	0	0.0%	0	0.0%
	2015 – 200% In progress	2	2	100%	2	100%
	2016 – In progress	3	0	0.0%	0	0.0%
0927- AutoCAD Foundations (Architectural)	2013	0				
	2014	0				
	2015 – 200% In progress	0				
	2016 – In progress	0				
0928- AutoCAD Foundations (Engineering)	2013	1	0	0.0%	0	0.0%
	2014	5	1	20.0%	1	20.0%
	2015 – 200% In progress	3	2	66.7%	2	66.7%
	2016 – In progress					
0929- Drafting & Design Technology	2013	2	0	0.0%	0	0.0%
	2014	2	0	0.0%	0	0.0%
	2015 – 200% In progress	1	0	0.0%	0	0.0%
	2016 – In progress	0				

College average (150%- 57.3%, 200%- 63.3%)
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 2)

Major	Fall Cohort Year	# in Cohort	150% Graduates	150% Graduation Rate	200% Graduates	200% Graduation Rate
2070- Interior Design Technology	2011	9	0	0.0%	1	11.1%
	2012	11	0	0.0%	1	9.1%
	2013 – 200% In progress	8	3	37.5%	3	37.5%
	2014 – In progress	10	1	10%	1	10%
2219- Architectural & Building Technology	2011	15	2	13.3%	4	26.7%
	2012	15	0	0.0%	0	0.0%
	2013 – 200% In progress	12	2	16.7%	3	25.0%
	2014 – In progress	13	2	15.4%	2	15.4%
2220- Drafting & Design Technology (CAD)	2011	15	2	13.3%	3	20.0%
	2012	14	1	7.1%	1	7.1%
	2013 – 200% In progress	11	1	9.1%	2	18.2%
	2014 – In progress	19	2	10.5%	2	10.5%

College average (150%- 57.3%, 200%- 63.3%)
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 2)

Program and Cohort Year		Registered	Exclusions	Adjusted Cohort	Retained by DSC		Retained by Program		Total Retained
					N	%	N	%	
0816 Kitchen and Bath Spec.	2012	2	0	2	1	50.00%	0	0.00%	50.0%
	2013	6	1	5	0	0.00%	2	40.00%	40.0%
	2014	5	0	5	2	33.33%	0	0.00%	33.3%
	2015	2	0	2	1	50.00%	1	50.00%	100%
0927 AutoCAD Found-Architecture	2012	1	1	0	0	0.00%	0	0.00%	0.0%
	2013	6	2	4	0	0.00%	0	0.00%	0.0%
	2014	0							
	2015	6	0	6	1	16.67%	0	0.00%	16.7%
0928 AutoCAD Found-Engineer.	2012	2	0	2	0	0.00%	1	50.00%	50.0%
	2013	6	0	6	4	66.67%	0	0.00%	66.7%
	2014	6	1	5	0	0.00%	0	0.00%	0.0%
	2015	3	1	2	0	0.00%	2	100.00%	100%
0929 Drafting and Design Tech	2012	3	0	3	1	33.33%	0	0.00%	33.3%
	2013	2	0	2	1	50.00%	0	0.00%	50.0%
	2014	2	0	2	0	0.00%	1	50.00%	50.0%
	2015	2	0	2	0	0.00%	0	0.00%	0.0%

College average (64.4%)
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 2)

Program and Cohort Year		Registered	Exclusions	Adjusted Cohort	Retained by DSC		Retained by Program		Total Retained
					N	%	N	%	
2070 Interior Design Tech.	2012	29	3	26	1	3.85%	14	53.85%	57.7%
	2013	29	3	26	4	15.38%	14	53.85%	69.2%
	2014	30	4	26	2	10.34%	9	31.03%	41.4%
	2015	39	1	38	2	5.26%	22	58.00%	63.3%
2219 Architectural/Bldg. Tech.	2012	25	2	24	0	0.00%	11	45.83%	45.8%
	2013	28	2	26	2	7.69%	12	46.15%	53.8%
	2014	29	3	26	0	0.00%	11	42.31%	42.3%
	2015	27	0	27	0	0.00%	13	48.15%	48.2%
2220 Drafting and Design-CAD	2012	29	4	25	4	16.00%	9	36.00%	52.0%
	2013	26	2	26	4	15.38%	9	34.62%	50.0%
	2014	31	3	28	2	6.90%	12	44.83%	51.7%
	2015	34	3	31	3	9.68%	16	51.61%	61.3%

College average (64.4%)

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

2016-2017 Retention Rates by Race/Ethnicity (1 of 2)

Major	Fall Term	Registered	Exclusions	Adjusted Cohort	Retained by Program	
					N	%
0816 Kitchen and Bath Spec.	White	2	0	2*	0	0%
0927 AutoCAD Found-Architecture	White	6	0	6*	0	0%
0928 AutoCAD Found-Engineer.	Hispanic	1	0	1	1	100%
	White	2	1	1	1	100%
0929 Drafting and Design Tech	White	2	0	2	0	0%

*one student retained by DSC

College average (African American: 48.1%, Hispanic: 62.1%)

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

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

Adjusted Cohort - Registered students less exclusions.

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

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

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

Source: IR Program Assessment Data

2016-2017 Retention Rates by Race/Ethnicity (2 of 2)

Major	Fall Term	Registered	Exclusions	Adjusted Cohort	Retained by Program	
					N	%
2070 Interior Design Tech.	Black	1	0	1	1	100%
	Hispanic	5	0	5	2	40%
	Two or More Races	1	0	1	1	100%
	White	32	1	31**	18	58%
2219 Architectural/Bldg. Tech.	Black	4	0	4	3	75%
	Hispanic	7	0	7	3	43%
	White	16	0	16	7	44%
2220 Drafting and Design-CAD	Asian	1	0	1	0	0%
	Black	3	0	3	0	0%
	Hispanic	5	0	5	4	80%
	Two or More Races	2	0	2	1	50%
	White	23	0	23	11	48%

**two students retained by DSC*

College average (African American: 48.1%, Hispanic: 62.1%)

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

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

Adjusted Cohort - Registered students less exclusions.

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

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

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

Source: IR Program Assessment Data

Performance Funding - Placement Rates
College Average 94.5%

Program Title	Major	2011/12 DSC%	FCS%	2012/13 DSC%	FCS%	2013/14 DSC%	FCS%	2014/15 DSC%	FCS%	Average Annual Salary
Architectural and Building Technology	2219			100%	69%			67%	71%	$**,***
AutoCAD Foundations (Architectural)	0927	93%	90%	75%	73%	100%	81%	79%	72%	$33,520
AutoCAD Foundations (Engineering)	0928	93%	90%	75%	73%	100%	81%	79%	72%	$33,520
Drafting and Design Technology	0929	0%	80%	0%	89%	100%	82%	100%	79%	$**,***
Drafting and Design Technology (CAD)	2220	0%	63%	100%	67%	N/A	N/A	100%	65%	$**,***
Interior Design Technology	2070	100%	73%	100%	93%	67%	91%	100%	90%	$**,***
Interior Design Technology - Kitchen and Bath Specialization	0816							75%	87%	$**,***

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	2013-2014	2014-2015	2015-2016	2016-2017
0816 - Kitchen and Bath Spec.	8	11	7	5
0927 - AutoCAD Found-Architecture	0	1	4	2
0928 - AutoCAD Found-Engineer.	3	6	4	6
0929 - Drafting and Design Tech	3	4	2	3
2070 - Interior Design Tech	33	37	56	52
2219 - Architectural/Bldg Tech	38	39	32	40
2220 - Drafting and Design-CAD	38	48	41	39
Total	123	141	142	147

College Enrollment Decreased: 3%(13/14); 0.73%(14/15); 1.14% (15/16); 5.5%(16/17)

Students are duplicated across programs, unduplicated in the total.

Graduates in Major

Major	2013-2014	2014-2015	2015-2016	2016-2017
0816 - Kitchen and Bath Spec.	1	3	3	3
0927 - AutoCAD Found-Architecture	7	13		3
0928 - AutoCAD Found-Engineer.	6	2	6	1
0929 - Drafting and Design Tech.	1	2	2	
2070 - Interior Design Tech.	4	5	4	4
2219 - Architectural/Bldg. Tech	1	5	2	3
2220 - Drafting and Design-CAD	4	2	4	1
Total	24	32	21	15

Blank cells or missing years indicate no graduates.

Average Age by Program

Program	2013-2014	2014-2015	2015-2016	2016-2017
0816 - Kitchen and Bath Spec.	47	40	37	51
0927 - AutoCAD Found-Architecture		48	44	45
0928 - AutoCAD Found-Engineer.	24	34	38	32
0929 - Drafting and Design Tech.	29	39	51	28
2070 - Interior Design Tech.	29	29	30	34
2219 - Architectural/Bldg. Tech.	36	36	36	31
2220 - Drafting and Design-CAD	34	35	33	32

Calculation excludes individuals whose birthdates are not reported.

	2013-2014	2014-2015	2015-2016	2016-2017
All Programs	34	33	33	33
Daytona State College	26.6	26.4	26	27

Source: IR Program Assessment Data

Gender

Program	2013-2014		2014-2015		2015-2016		2016-2017	
	Female	Male	Female	Male	Female	Male	Female	Male
0816 - Kitchen and Bath Spec.	63%	38%	55%	45%	43%	57%	60%	40%
0927 - AutoCAD Found-Architecture				100%		100%	100%	
0928 - AutoCAD Found-Engineer	33%	67%		100%	25%	75%	20%	80%
0929 - Drafting and Design Tech		100%		100%		100%		100%
2070 - Interior Design Tech	73%	27%	81%	19%	79%	21%	84%	16%
2219 - Architectural/Bldg. Tech	16%	84%	18%	82%	16%	84%	25%	75%
2220 - Drafting and Design-CAD	8%	92%	17%	83%	20%	80%	23%	77%

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

Major	2013-2014		2014-2015		2015-2016		2016-2017	
	Female	Male	Female	Male	Female	Male	Female	Male
Daytona State College	59%	41%	60%	40%	60%	40%	60%	40%

Race / Ethnicity by Program
0816 - Kitchen and Bath Spec.
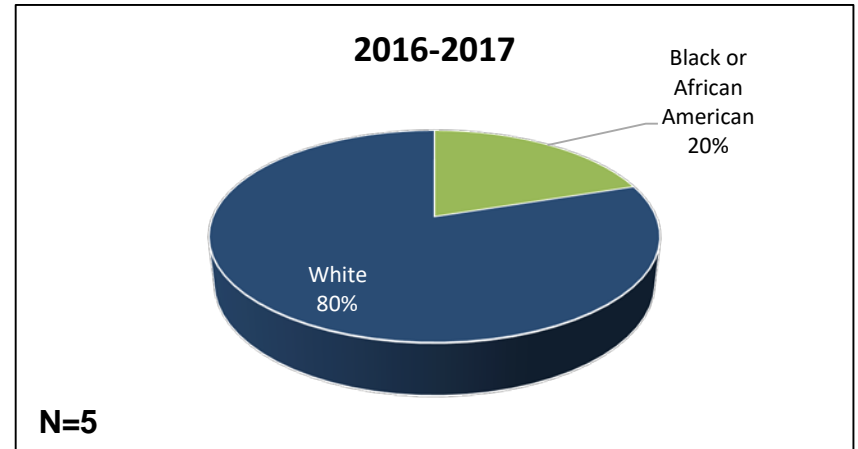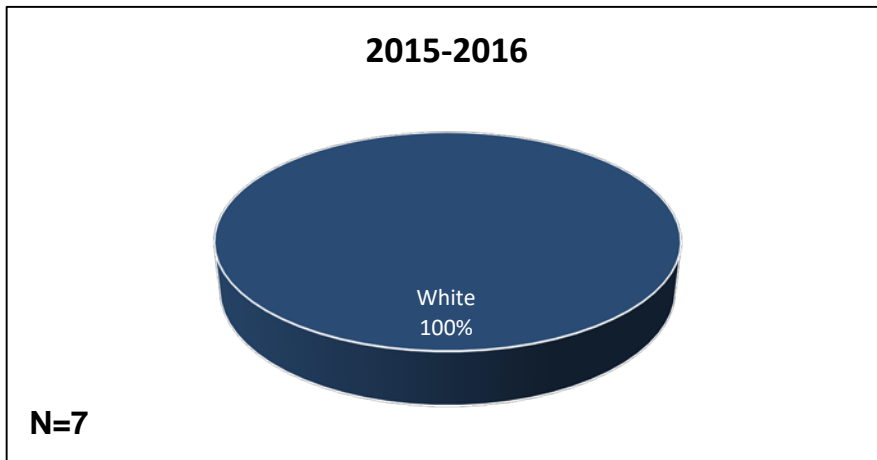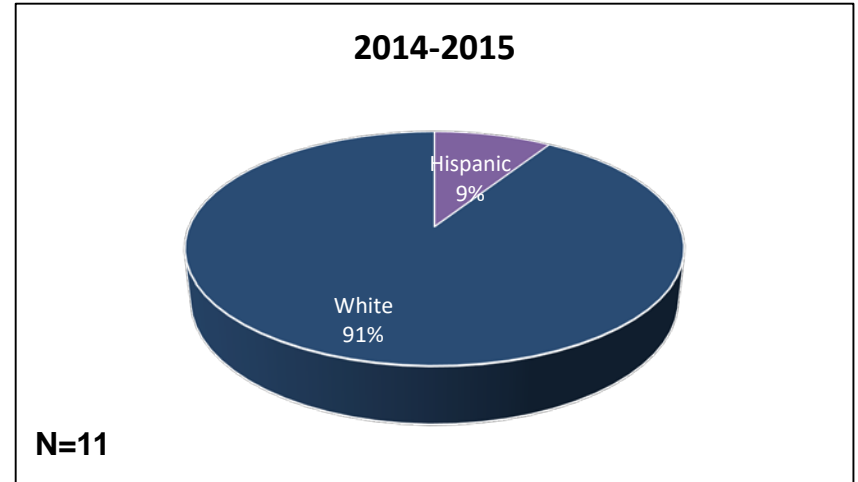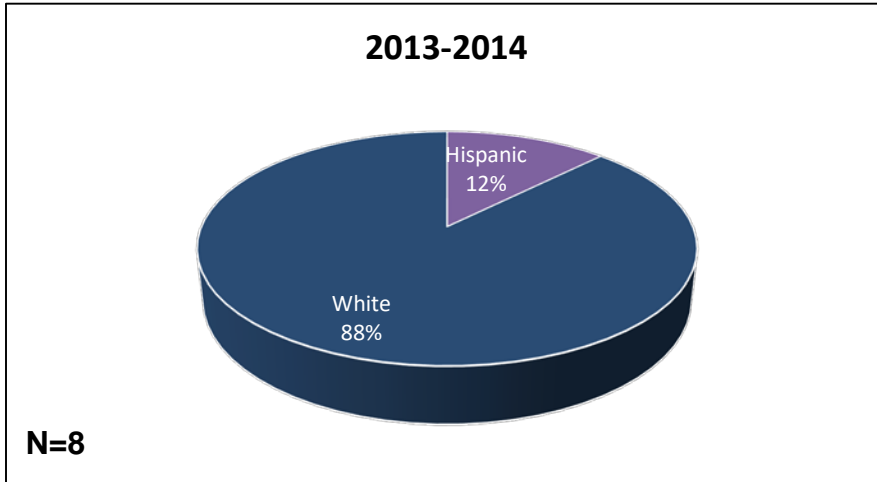
2013-2014

Hispanic
12%

White
88%

N=8

2014-2015

Hispanic
9%

White
91%

N=11

2015-2016

White
100%

N=7

2016-2017

Black or
African
American
20%

White
80%

N=5

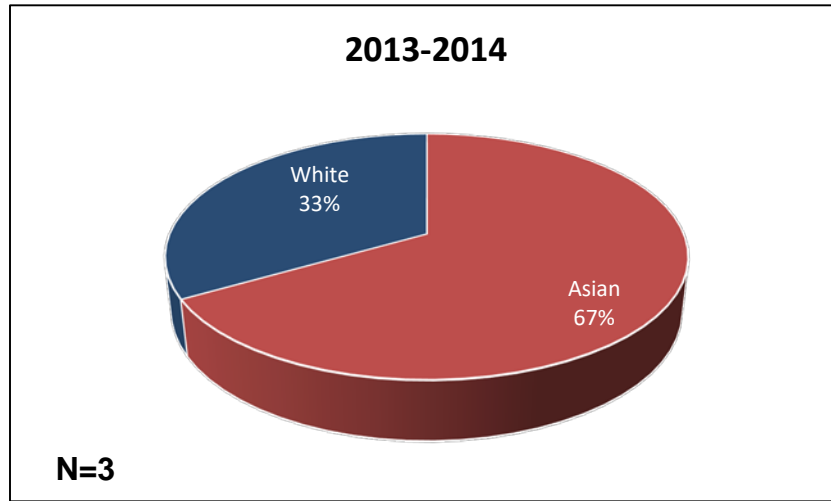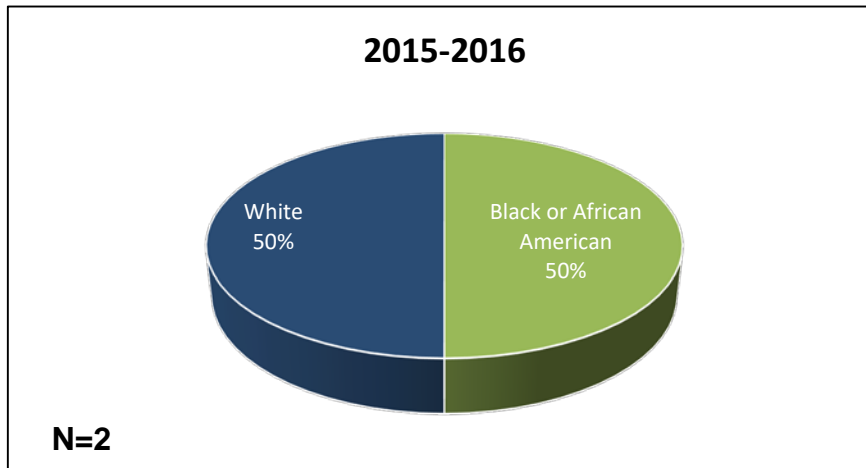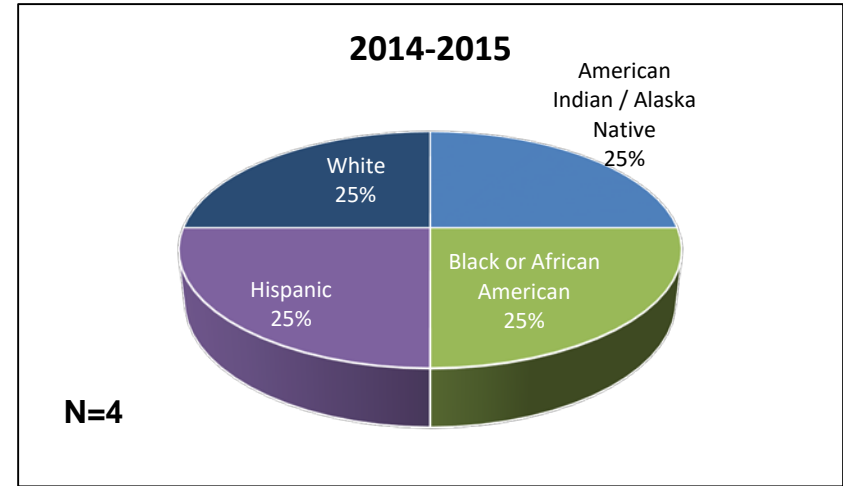| DSC Averages 2016-2017						
Amer Indian/ Alaska Native	Asian	Black or African Amer	Hispanic	Nat Hawaiian Pacif Islander	2 or More Races	White
0.4%	2%	14%	15%	0.2%	2%	66%

Excludes individuals whose race / ethnicity is not reported.

Source: IR Program Assessment Data
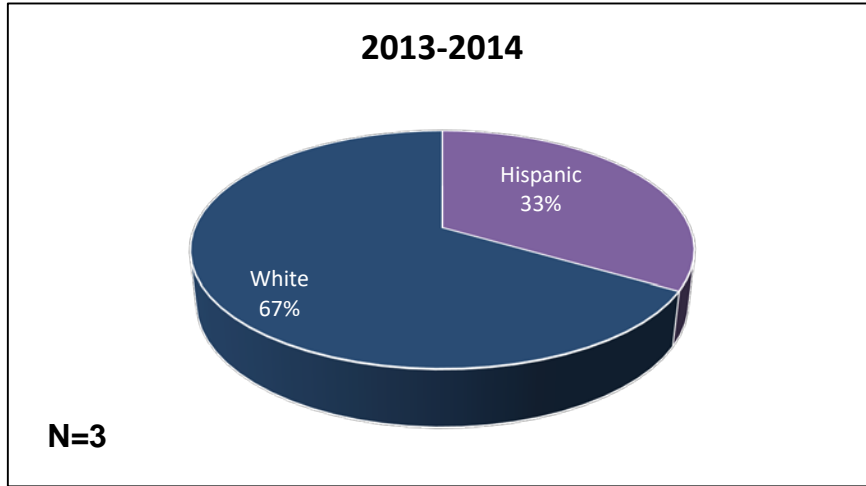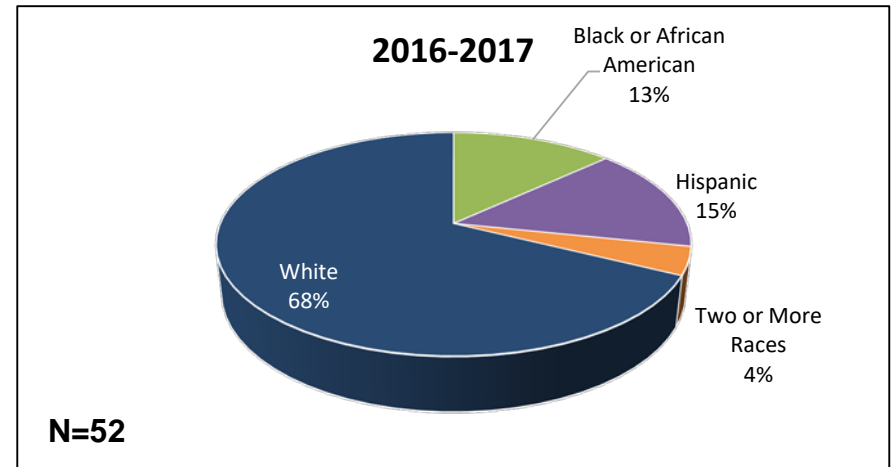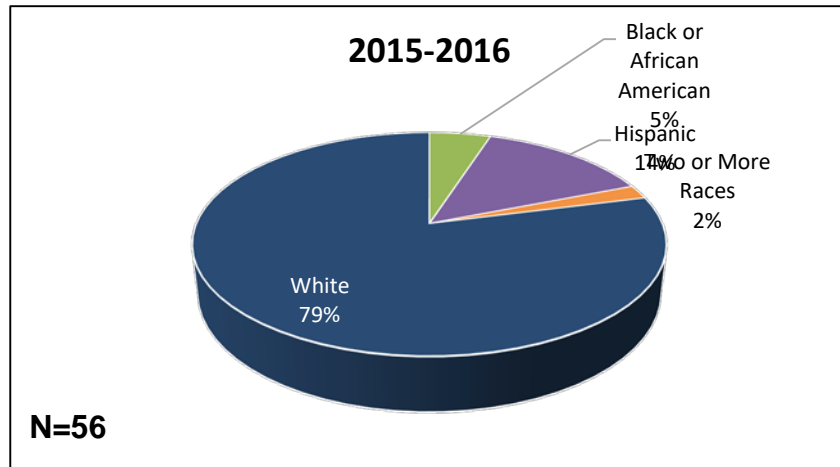
Race / Ethnicity by Program
0927 - AutoCAD Found-Architecture

DSC Averages 2016-2017						
Amer Indian/ Alaska Native	Asian	Black or African Amer	Hispanic	Nat Hawaiian Pacif Islander	2 or More Races	White
0.4%	2%	14%	15%	0.2%	2%	66%

Excludes individuals whose race / ethnicity is not reported.

Race / Ethnicity by Program
0928 - AutoCAD Found-Engineer
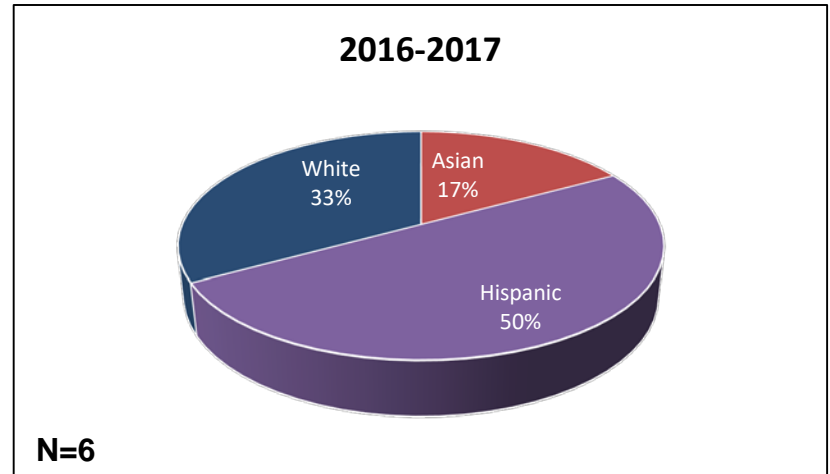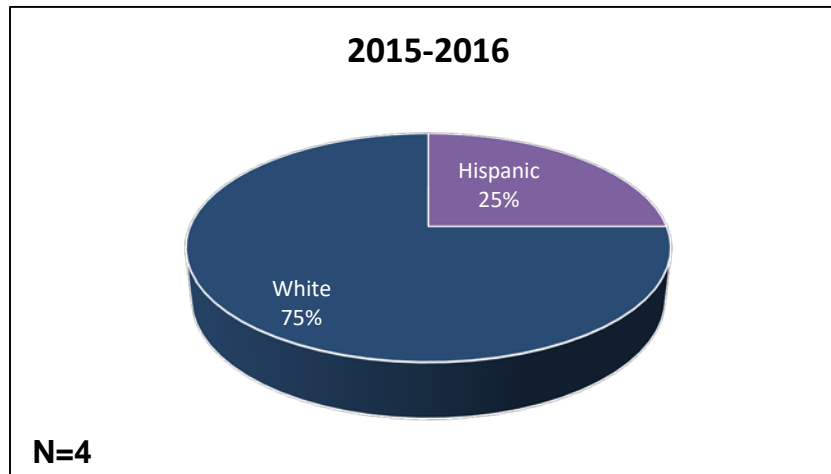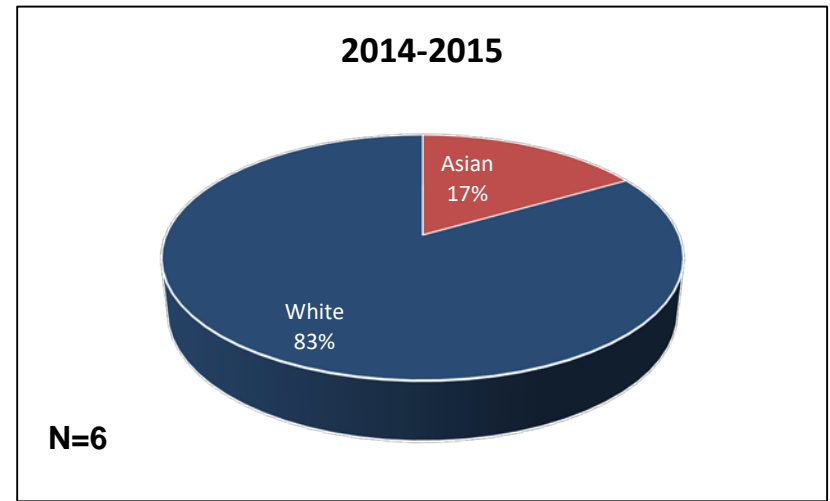
2013-2014

White 33%
Asian 67%
N=3

2014-2015

Asian 17%
White 83%
N=6

2015-2016

Hispanic 25%
White 75%
N=4

2016-2017

White 33%
Asian 17%
Hispanic 50%
N=6

DSC Averages 2016-2017						
Amer Indian/ Alaska Native	Asian	Black or African Amer	Hispanic	Nat Hawaiian Pacif Islander	2 or More Races	White
0.4%	2%	14%	15%	0.2%	2%	66%

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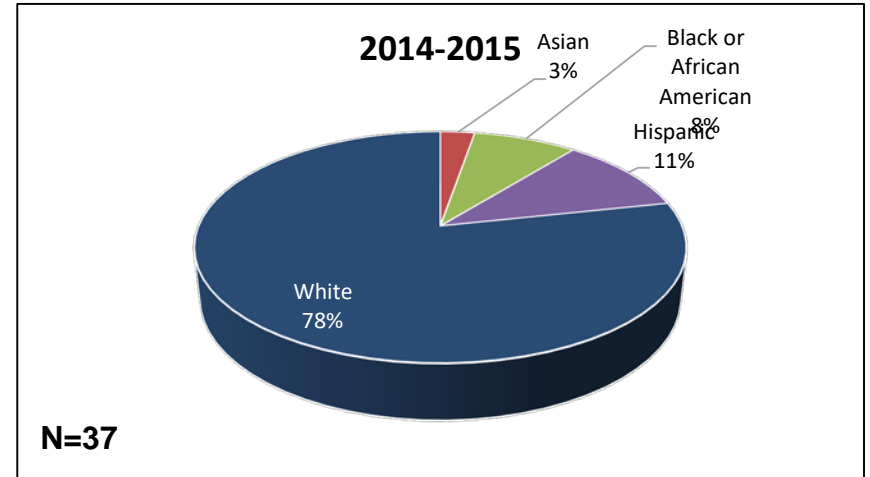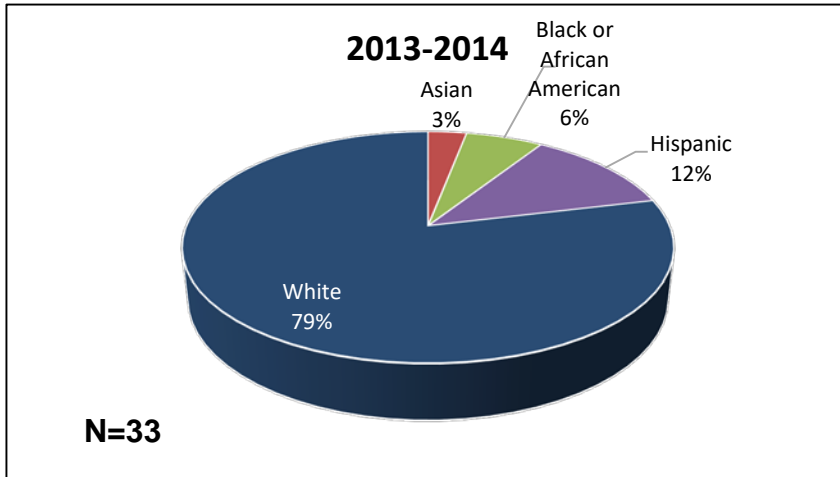
Source: IR Program Assessment Data

Race / Ethnicity by Program
0929 - Drafting and Design Tech.
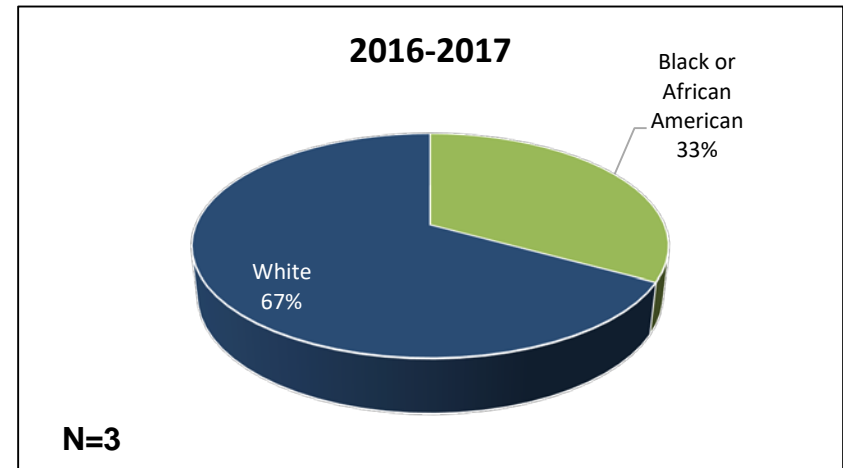
2013-2014

White 67%
Hispanic 33%
N=3

2014-2015

White 25%
American Indian / Alaska Native 25%
Hispanic 25%
Black or African American 25%
N=4

2015-2016

White 50%
Black or African American 50%
N=2

2016-2017

White 67%
Black or African American 33%
N=3

DSC Averages 2016-2017						
Amer Indian/ Alaska Native	Asian	Black or African Amer	Hispanic	Nat Hawaiian Pacif Islander	2 or More Races	White
0.4%	2%	14%	15%	0.2%	2%	66%

Excludes individuals whose race / ethnicity is not reported.

Source: IR Program Assessment Data
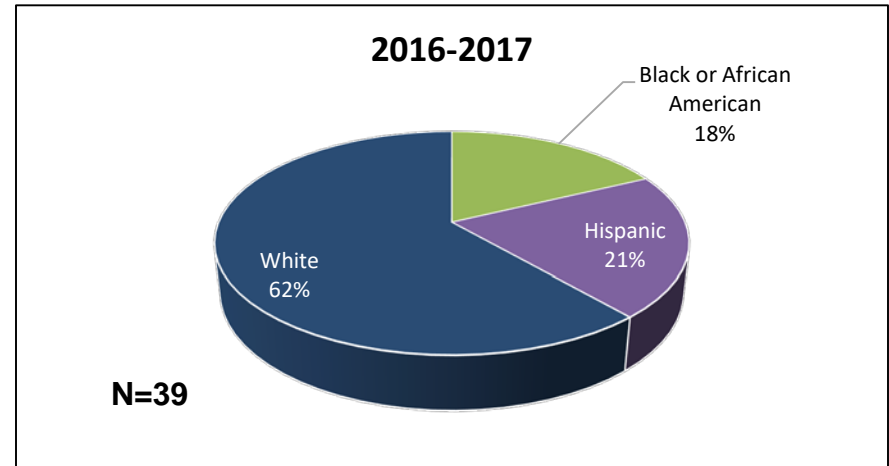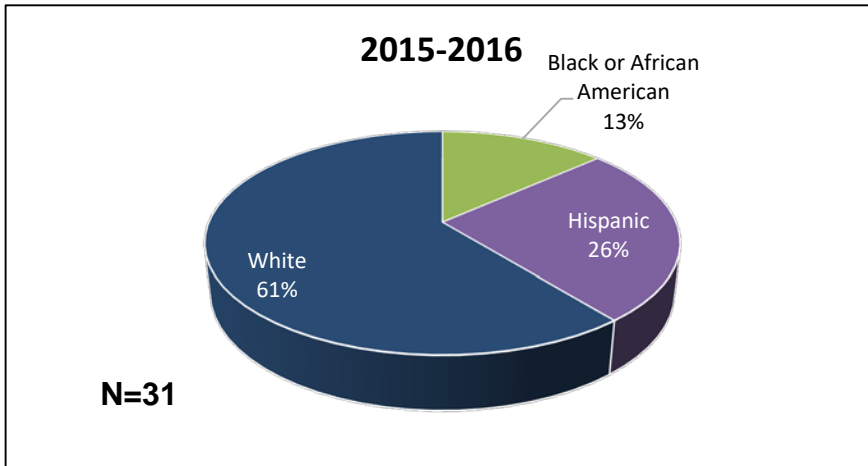
Race / Ethnicity by Program
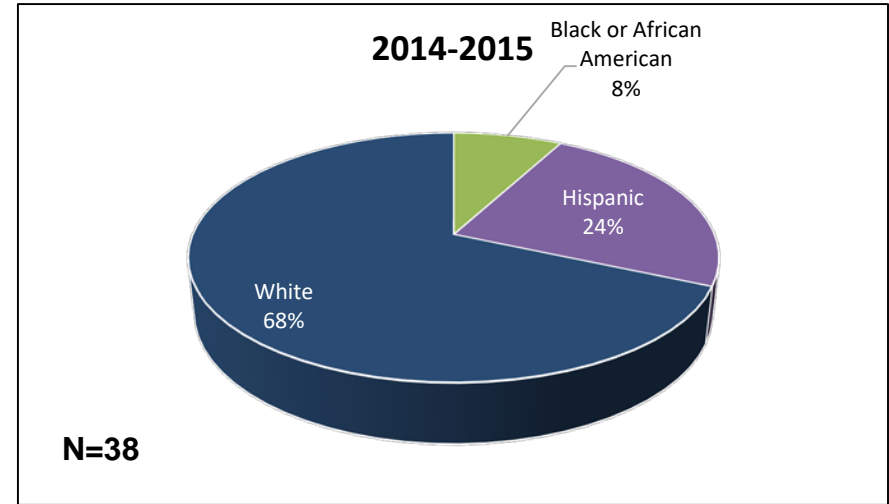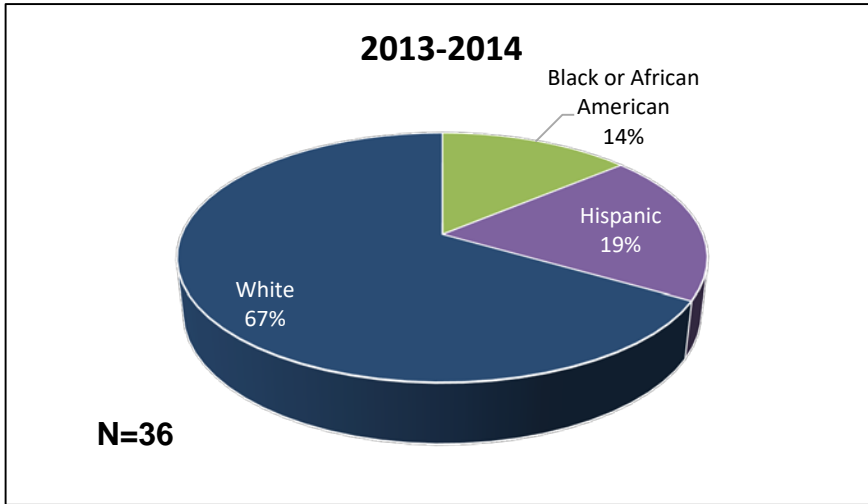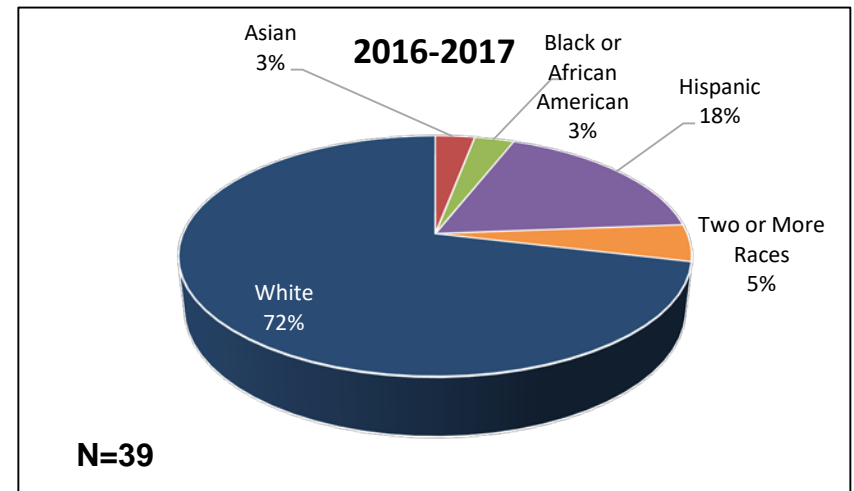## 2070 - Interior Design Tech.

DSC Averages 2016-2017

Amer Indian/ Alaska Native	Asian	Black or African Amer	Hispanic	Nat Hawaiian Pacif Islander	2 or More Races	White
0.4%	2%	14%	15%	0.2%	2%	66%

Excludes individuals whose race / ethnicity is not reported.

Race / Ethnicity by Program
2219 - Architectural/Bldg. Tech.

2013-2014

- Black or African American 14%
- Hispanic 19%
- White 67%

N=36

2014-2015

- Black or African American 8%
- Hispanic 24%
- White 68%

N=38

2015-2016

- Black or African American 13%
- Hispanic 26%
- White 61%

N=31

2016-2017

- Black or African American 18%
- Hispanic 21%
- White 62%

N=39

DSC Averages 2016-2017						
Amer Indian/ Alaska Native	Asian	Black or African Amer	Hispanic	Nat Hawaiian Pacif Islander	2 or More Races	White
0.4%	2%	14%	15%	0.2%	2%	66%

Excludes individuals whose race / ethnicity is not reported.

Source: IR Program Assessment Data
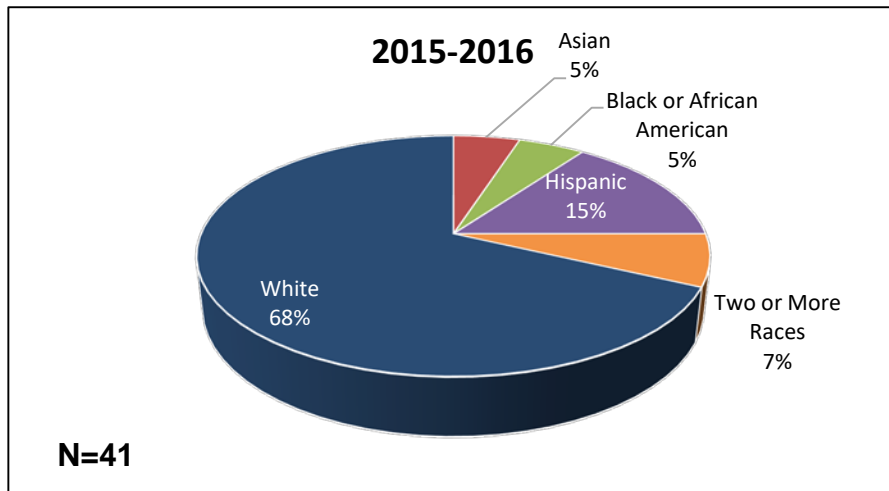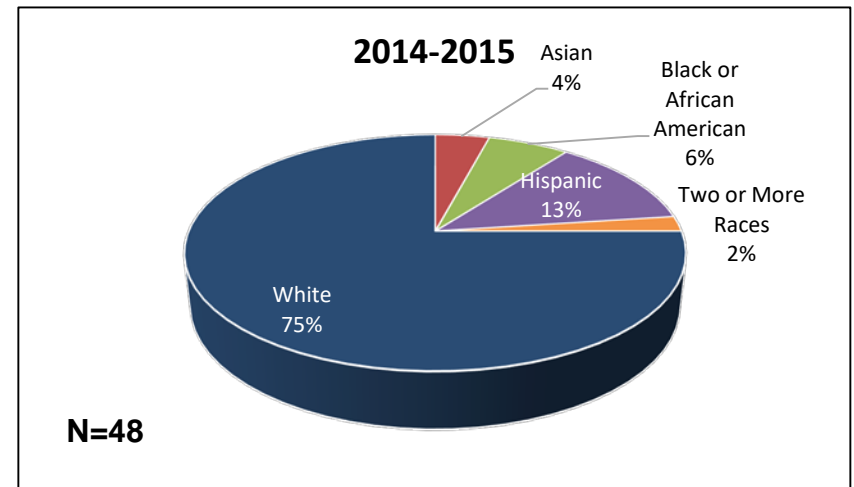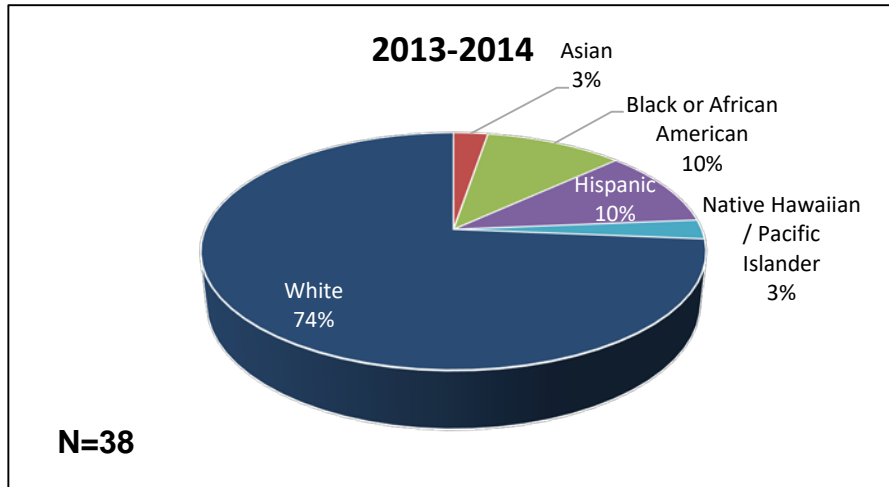
Race / Ethnicity by Program
2220 - Drafting and Design-CAD

2013-2014
- Asian 3%
- Black or African American 10%
- Hispanic 10%
- Native Hawaiian / Pacific Islander 3%
- White 74%
- N=38

2014-2015
- Asian 4%
- Black or African American 6%
- Hispanic 13%
- Two or More Races 2%
- White 75%
- N=48

2015-2016
- Asian 5%
- Black or African American 5%
- Hispanic 15%
- Two or More Races 7%
- White 68%
- N=41

2016-2017
- Asian 3%
- Black or African American 3%
- Hispanic 18%
- Two or More Races 5%
- White 72%
- N=39

DSC Averages 2016-2017						
Amer Indian/ Alaska Native	Asian	Black or African Amer	Hispanic	Nat Hawaiian Pacif Islander	2 or More Races	White
0.4%	2%	14%	15%	0.2%	2%	66%

Excludes individuals whose race / ethnicity is not reported.

Source: IR Program Assessment Data