ASSESSMENT DAY

College of Business, Engineering and Technology

School of Building and Architectural Technology

March 10, 2016

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

Courses (1 of 2)

BCN1210 Materials and Processes

BCN1251 Architectural Drawing I

BCN1251L Architectural Drawing I Lab

BCN1253 Architectural Drawing II

BCN1253L Architectural Drawing II Lab

BCN2257 Architectural Detailing

BCN2257L Architectural Detailing Lab

BCN2560 Mechanical and Electrical Equipment

BCN2905 Directed Study in Construction

BCT1040 Blueprint Reading

BCT2949 Cooperative Education Experience in Construction

EGN1111 Engineering Drawing

EGN1111L Engineering Drawing Lab

EGS2033 Technical Ethics

ETC2207 Construction Planning and Estimating

ETC2207L Construction Planning and Estimating Lab

ETC2245 Construction Methods

ETD2320 Computer Aided Drafting I (AutoCAD)

ETD2320L Computer Aided Drafting I (AutoCAD) Lab

ETD2340 Computer Aided Drafting II (AutoCAD)

ETD2340L Computer Aided Drafting II (AutoCAD) Lab

ETD2350 Computer Aided Design Applications (AutoCAD)

ETD2350L Computer Aided Design Applications (AutoCAD) Lab

ETD2357 Inventor Solid Modeling

ETD2357L Inventor Solid Modeling Lab

ETD2364 SolidWorks Solid Modeling

ETD2364L SolidWorks Solid Modeling Lab

ETD2368 SolidWorks II

ETD2368L SolidWorks II Lab

ETD2377 3D Computer Animation (3D Studio)

Courses (2 of 2)

ETD2377L 3D Computer Animation (3D Studio) Lab

ETD2390 Introduction to Revit Architecture

ETD2390L Introduction to Revit Architecture and Lab

ETD2395 Architectural CAD

ETD2395L Architectural CAD Lab

ETD2465 Tool Design

ETD2465L Tool Design Lab

ETD2540 Civil Drafting and Surveying (CAD)

ETD2540L Civil Drafting and Surveying (CAD) Lab

ETD2805 Technical Illustration

ETD2805L Technical Illustration Lab

ETG2520 Statics and Strength of Materials

ETG2906 Directed Study in Engineering

ETG2949 Cooperative Education Experience in Engineering

HHD1321 Introduction to Interior Design

HHD1361 Practical Interior Applications

IND1001 History of Architecture and Interiors II

IND1021 Interior Design Studio I

IND1211 History of Architecture and Interiors I

IND1300 Graphics of Interior Design I

IND1429 Textiles for Commercial and Residential Interiors

IND1432 Lighting for Interior Design

IND1935 Building and Barrier Free Codes

IND2210 Interior Design Studio II

IND2220 Commercial Interior Design

IND2410 Kitchen and Bath Design I

IND2411 Materials and Estimating for Kitchen and Bath

IND2414 Kitchen and Bath Design II

IND2501 Professional Practices

IND2608 Sustainable Design

IND2949 Cooperative Education Experience in Interior Design

MTB1348 Applied Technical Math

Action Items from Last Assessment Day

Action Items for Improvement (11/18/2014):

1. Check the list of courses offered in the College website for your area and remove courses we are not offering anymore or have not offered in a while such as MTB1348.
2. Time to degree was a data requested to the Institutional Research data to be included in our assessment days.
3. Discussion about having a time limitation/expiration date on courses taken.
4. Discussion about more recruitment opportunities to attract students where there is a gap. For example rewriting course descriptions, brochures, etc. Bringing speakers, workshop series, partner with businesses, work with high school students, partner with Embry-Riddle, high and middle school camps.
5. Discussion about seeing more FNs, is there a pattern? May help to drop students before Financial Aid check.
6. For the next year Learning Outcomes Assessment reports, make sure to include results for each of the assessment measures, instead of giving an overall result.
7. There are some missing teaching strategies in the Learning Outcomes Assessment reports.

Headcount by Major

Major	2012-2013	2013-2014	2014-2015
2220 - Drafting and Design-CAD	41	38	48
2219 - Architectural/Bldg Tech	34	38	39
2070 - Interior Design Tech	39	33	37
0816 - Kitchen and Bath Spec.	5	8	11
0928 - Autocad Found-Engineer.	2	3	6
0929 - Drafting and Design Tech	5	3	4
0927 - Autocad Found-Architech.	1	0	1
Total	**124**	**123**	**141**

College Headcount decreased: 2012/13 (9.6%), 2013/14 (6%), 2014/15 (7%)

Source: IR Program Assessment Data

Students are duplicated across programs, unduplicated in the total.

Average Age by Program

Program	2012-2013	2013-2014	2014-2015
0816 - Kitchen and Bath Spec.	59	47	40
0927 - Autocad Found-Architech.	72		48
0928 - Autocad Found-Engineer.	23	24	34
0929 - Drafting and Design Tech	27	29	39
2070 - Interior Design Tech	32	29	29
2219 - Architectural/Bldg Tech	35	36	36
2220 - Drafting and Design-CAD	29	34	35

Calculation excludes individuals whose birthdates are not reported.

	2012-2013	2013-2014	2014-2015
All Programs	32	34	33
Daytona State College	26.7	26.6	26.4

Source: IR Program Assessment Data

Gender

Program	2012-2013		2013-2014		2014-2015	
	Female	Male	Female	Male	Female	Male
0816 - Kitchen and Bath Spec.	40%	60%	63%	38%	55%	45%
0927 - Autocad Found-Architech		100%				100%
0928 - Autocad Found-Engineer		100%	33%	67%		100%
0929 - Drafting and Design Tech	60%	40%		100%		100%
2070 - Interior Design Tech	82%	18%	73%	27%	81%	19%
2219 - Architectural/Bldg Tech	15%	85%	16%	84%	18%	82%
2220 - Drafting and Design-CAD	7%	93%	8%	92%	17%	83%

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

Source: IR Program Assessment Data

Race / Ethnicity by Program 2012-13

	Headcount	Amer Indian/ Alaska Native	Asian	Black or African Amer	Hispanic	Nat Hawaiian Pacif Islander	2 or More Races	White
0816 - Kitchen and Bath Spec.	5				20%			80%
0927 - Autocad Found-Architech.	1							100%
0928 - Autocad Found-Engineer.	2		50%		50%			
0929 - Drafting and Design Tech	5							100%
2070 - Interior Design Tech	39		3%	5%	13%			77%
2219 - Architectural/ Bldg Tech	34		3%	12%	29%		3%	53%
2220 - Drafting and Design-CAD	41		2%	7%	12%			78%
Total All Programs	124		3%	7%	17%		1%	71%

Excludes individuals whose race / ethnicity is not reported.
Blank cells or missing years indicate no enrollment.

Source: IR Program Assessment Data

Race / Ethnicity by Program 2013-14

	Headcount	Amer Indian/ Alaska Native	Asian	Black or African Amer	Hispanic	Nat Hawaiian Pacif Islander	2 or More Races	White
0816 - Kitchen and Bath Spec.	8				13%			88%
0927 - Autocad Found-Architech.	0							
0928 - Autocad Found-Engineer.	3		67%					33%
0929 - Drafting and Design Tech	3				33%			67%
2070 - Interior Design Tech	33		3%	6%	12%			79%
2219 - Architectural/ Bldg Tech	38			13%	18%			63%
2220 - Drafting and Design-CAD	38		3%	11%	11%	3%		74%
Total All Programs	123		3%	9%	14%	1%		72%

Excludes individuals whose race / ethnicity is not reported.
Blank cells or missing years indicate no enrollment.

Source: IR Program Assessment Data

Race / Ethnicity by Program 2014-15

	Headcount	Amer Indian/ Alaska Native	Asian	Black or African Amer	Hispanic	Nat Hawaiian Pacif Islander	2 or More Races	White
0816 - Kitchen and Bath Spec.	11				9%			91%
0927 - Autocad Found-Architech.	1				100%			
0928 - Autocad Found-Engineer.	6		17%					83%
0929 - DRAFTING AND DESIGN TECH	4	25%		25%	25%			25%
2070 - INTERIOR DESIGN TECH	37		3%	8%	11%			78%
2219 - ARCHITECTURAL/ BLDG TECH	39			8%	23%			67%
2220 - DRAFTING AND DESIGN-CAD	48		4%	6%	13%		2%	75%
Total All Programs	141	1%	3%	7%	15%		1%	73%
DSC		0.5%	2%	14%	13%	0.2%	2%	67%

Excludes individuals whose race / ethnicity is not reported.
Blank cells or missing years indicate no enrollment.

Source: IR Program Assessment Data

Graduates in Major

Major	2012-2013	2013-2014	2014-2015
0927 - Autocad Found-Architech.	9	7	13
2070 - Interior Design Tech	7	4	5
2219 - Architectural/Bldg Tech	2	1	5
0816 - Kitchen and Bath Spec.	2	1	3
0928 - Autocad Found-Engineer.	2	6	2
0929 - Drafting and Design Tech		1	2
2220 - Drafting and Design-CAD	3	4	2
Total	25	24	32

Blank cells or missing years indicate no graduates.

Source: IR Program Assessment Data

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	2012	2	0	0.0%	0	0.0%
	2013	4	0	0.0%	0	0.0%
	2014	2	0	0.0%	0	0.0%
0927- AutoCAD Foundations (Architectural)	2012	0				
	2013	0				
	2014	0				
0928- AutoCAD Foundations (Engineering)	2012	2	0	0.0%	0	0.0%
	2013	1	0	0.0%	0	0.0%
	2014	5	1	20.0%	1	20.0%
0929- Drafting & Design Technology	2012	4	0	0.0%	0	0.0%
	2013	2	0	0.0%	0	0.0%
	2014	2	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

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	2010	10	3	30.0%	4	40.0%
	2011	9	0	0.0%	1	11.1%
	2012	11	0	0.0%	1	9.1%
2219- Architectural & Building Technology	2010	N/A				
	2011	15	2	13.3%	4	26.7%
	2012	15	0	0.0%	0	0.0%
2220- Drafting & Design Technology (CAD)	2010	N/A				
	2011	15	2	13.3%	3	20.0%
	2012	14	1	7.1%	1	7.1%

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

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.	2011	2		2	1	50.00%			50.0%
	2012	2		2	1	50.00%			50.0%
	2013	6	1	5			2	40.00%	40.0%
0927 Autocad Found-Architech.	2011	4	1	3	1	33.33%	1	33.33%	66.7%
	2012	1	1	0					0.0%
	2011	6	2	4					0.0%
0928 Autocad Found-Engineer.	2012	2		2			1	50.00%	50.0%
	2013	2		2			1	50.00%	50.0%
	2011	6		6	4	66.67%			66.7%
0929 Drafting and Design Tech	2012	4		4	1	25.00%	1	25.00%	50.0%
	2013	3		3	1	33.33%			33.3%
	2011	2		2	1	50.00%			50.0%

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

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	2011	25	3	22			12	54.55%	54.5%
	2012	29	3	26	1	3.85%	14	53.85%	57.7%
	2013	29	3	26	4	15.38%	14	53.85%	69.2%
2219 Architectural/Bldg Tech	2011	15		15			7	46.67%	46.7%
	2012	25	2	24			11	45.83%	45.8%
	2013	28	2	26	2	7.69%	12	46.15%	53.8%
2220 Drafting and Design-CAD	2011	14		14	3	21.43%	5	35.71%	57.1%
	2012	29	4	25	4	16.00%	9	36.00%	52.0%
	2013	26	2	26	4	15.38%	9	34.62%	50.0%

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

Average Class Size by Course (1 of 2)

Major and Associated Courses		2012-2013		2013-2014		2014-2015	
		Sections	Avg. Size	Sections	Avg. Size	Sections	Avg. Size
2070 Interior Design Tech	HHD1321	3	8	1	7	2	12
	HHD1361			1	11	1	13
	IND1001	1	13	1	11		
	IND1021	1	7	1	9	1	9
	IND1211	1	17	1	19	1	18
	IND1300	1	10	1	8	1	14
	IND1429	1	16			1	7
	IND1432	2	9			1	17
	IND1935	1	15	1	15	1	19
	IND2210	1	5	1	8		
	IND2220	1	7	1	7	1	7
	IND2410	1	6			1	13
	IND2411	1	6	1	14		
	IND2414					1	9
	IND2501	1	6	1	7		
	IND2608	1	11	1	20	1	17
	Total	17	9	12	11	13	13
2219 Architectural/ Bldg Tech	BCN1210	2	10	1	14	1	17
	BCN1251	2	19	2	12	2	18
	BCN1253	2	11	1	8	1	8
	BCN2257			1	7		
	BCN2560	1	9				
	BCT1040	1	11	1	9		
	ETC2207	1	5	1	8		
	ETC2245	1	7	1	10	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.

Source: IR Program Assessment Data

Average Class Size by Course (2 of 2)

Major and Associated Courses		2012-2013		2013-2014		2014-2015	
		Sections	Avg. Size	Sections	Avg. Size	Sections	Avg. Size
2219 Architectural/ Bldg Tech	ETD2390			1	13	1	15
	ETD2395	1	7				
	ETD2540	1	8	1	9	1	6
	Total	12	10	10	10	7	14
2220 Drafting and Design-CAD	EGN1111					1	14
	EGS1111	2	9	1	6		
	ETD2320	2	22	2	25	2	25
	ETD2340	2	14	2	12	2	13
	ETD2357	2	13	2	16	1	18
	ETD2364	2	9	2	10	1	17
	ETD2368	1	9	1	4		
	ETD2377	1	8			1	9
	ETD2465			1	9	1	9
	ETG2520					1	10
	Total	12	12	11	13	10	15
Department		41	11	33	11	30	14

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 2)

Major, Associated Courses and Instructional Method			2012-2013		2013-2014		2014-2015	
			Sections	Avg. Size	Sections	Avg. Size	Sections	Avg. Size
2070 Interior Design Tech	HHD1321	Hybrid	1	8	1	7		
		Lecture	1	9			1	12
		Online	1	8			1	11
		Total	3	8	1	7	2	12
	IND1001	Lecture	1	13				
		Online			1	11		
		Total	1	13	1	11		
	IND1211	Hybrid	1	17				
		Online			1	19	1	18
		Total	1	17	1	19	1	18
	IND1432	Hybrid	1	8			1	17
		Lecture	1	9				
		Total	2	9			1	17
	IND1935	Hybrid					1	19
		Lecture	1	15	1	15		
		Total	1	15	1	15	1	19
2219 Architectural/ Bldg Tech	BCN1210	Lecture	2	10				
		Online			1	14	1	17
		Total	2	10	1	14	1	17
	ETC2207	Lecture			1	8		
		Online	1	5				
		Total	1	5	1	8		
	ETC2245	Lecture	1	7				
		Online			1	10	1	15
		Total	1	7	1	10	1	15

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

Major, Associated Courses and Instructional Method			2012-2013		2013-2014		2014-2015	
			Sections	Avg. Size	Sections	Avg. Size	Sections	Avg. Size
2220 Drafting And Design-CAD	ETD2320	Lecture					2	25
		Online	2	22	2	25		
		Total	2	22	2	25	2	25
	ETD2340	Lecture					2	13
		Online	2	14	2	12		
		Total	2	14	2	12	2	13
	ETD2357	Lecture					1	18
		Online	2	13	2	16		
		Total	2	13	2	16	1	18
	ETD2364	Lecture					1	17
		Online	2	9	2	10		
		Total	2	9	2	10	1	17
	ETD2377	Lecture					1	9
		Online	1	8				
		Total	1	8			1	9

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

College Total

Instructional Method	2012-2013	2013-2014	2014-2015
	Avg. Size	Avg. Size	Avg. Size
Hybrid	22	22	22
Lecture	23	23	23
Online	27	28	30
College Total	24	24	25

Source: IR Program Assessment Data

Course Success Rates (1 of 3)

Major	Course	2012-2013		2013-2014		2014-2015	
		Attempted	% Successful	Attempted	% Successful	Attempted	% Successful
2070 Interior Design Tech	HHD1321	25	76%	7	100%	24	88%
	HHD1361			11	91%	13	92%
	IND1001	13	77%	11	73%		
	IND1021	7	86%	9	67%	9	89%
	IND1211	17	88%	19	79%	18	78%
	IND1300	10	90%	8	100%	14	86%
	IND1429	16	81%			7	86%
	IND1432	17	100%			17	76%
	IND1935	15	80%	17	94%	19	84%
	IND2210	5	80%	8	100%		
	IND2220	7	86%	7	71%	7	100%
	IND2410	6	67%	2	100%	13	92%
	IND2411	6	100%	16	88%		
	IND2414	2	100%			9	89%
	IND2501	6	100%	7	86%		
	IND2608	11	64%	20	80%	17	82%
	IND2949	10	100%	8	88%	12	92%
	Total	173	84%	150	85%	179	86%
2219 Architectural/ Bldg Tech	BCN1210	19	79%	15	93%	17	71%
	BCN1251	38	76%	24	96%	36	75%
	BCN1251L	38	76%	24	96%	36	75%
	BCN1253	21	90%	8	88%	8	75%
	BCN1253L	21	90%	8	88%	8	75%
	BCN2257			7	86%		
	BCN2257L			8	88%		

Indicates more than 5% decrease from prior year.

Source: IR Program Assessment Data

Course Success Rates (2 of 3)

Major	Course	2012-2013		2013-2014		2014-2015	
		Attempted	% Successful	Attempted	% Successful	Attempted	% Successful
2219 Architectural/ Bldg Tech	BCN2560	10	70%	1	0%		
	BCT1040	11	82%	9	89%	1	100%
	BCT2949	3	100%	5	100%	5	80%
	ETC2207	5	100%	8	100%		
	ETC2207L	5	100%	8	100%		
	ETC2245	8	100%	10	80%	17	59%
	ETD2390	6	100%	13	92%	15	87%
	ETD2390L	6	100%	13	92%	15	87%
	ETD2395	7	86%				
	ETD2395L	7	86%				
	ETD2540	8	88%	9	78%	7	100%
	ETD2540L	8	88%	9	78%	7	100%
	ETG2949	6	100%	3	100%	5	100%
	Total	227	85%	182	91%	177	78%
2220 Drafting And Design-CAD	EGN1111					14	93%
	EGN1111L					14	93%
	EGS1111	18	67%	6	50%		
	EGS1111L	18	67%	7	57%		
	ETD2320	43	74%	49	65%	50	78%
	ETD2320L	43	74%	49	65%	50	78%
	ETD2340	27	70%	23	65%	26	77%
	ETD2340L	27	70%	23	65%	26	77%
	ETD2357	25	56%	31	65%	18	78%
	ETD2357L	25	56%	31	65%	18	78%

Indicates more than 5% decrease from prior year.

Source: IR Program Assessment Data

Course Success Rates (3 of 3)

Major	Course	2012-2013		2013-2014		2014-2015	
		Attempted	% Successful	Attempted	% Successful	Attempted	% Successful
2220 Drafting And Design-CAD	ETD2364	17	59%	19	53%	17	94%
	ETD2364L	17	59%	19	53%	17	94%
	ETD2368	9	67%	4	50%		
	ETD2368L	9	67%	4	50%		
	ETD2377	8	75%			11	91%
	ETD2377L	8	75%			11	91%
	ETD2465			9	100%	9	89%
	ETD2465L			9	100%	9	89%
	ETG2520	1	100%			10	90%
	Total	295	67%	283	65%	300	83%
Department		695	77%	615	77%	656	82%

Indicates more than 5% decrease from prior year.

Source: IR Program Assessment Data

Course Success Rates by Instructional Method – Multiple Methods Only (1 of 3)

Major, Associated Courses and Instructional Method			2012-2013		2013-2014		2014-2015	
			Attempted	% Successful	Attempted	% Successful	Attempted	% Successful
2070 Interior Design Tech	HHD1321	DIS					1	100%
		Hybrid	8	88%	7	100%		
		Lecture	9	78%			12	92%
		Online	8	63%			11	82%
		Total	25	76%	7	100%	24	88%
	IND1001	Lecture	13	77%				
		Online			11	73%		
		Total	13	77%	11	73%		
	IND1211	Hybrid	17	88%				
		Online			19	79%	18	78%
		Total	17	88%	19	79%	18	78%
	IND1432	Hybrid	8	100%			17	76%
		Lecture	9	100%				
		Total	17	100%			17	76%
	IND1935	DIS			2	100%		
		Hybrid					19	84%
		Lecture	15	80%	15	93%		
		Total	15	80%	17	94%	19	84%
	IND2410	DIS			2	100%		
		Lecture	6	67%			13	92%
		Total	6	67%	2	100%	13	92%
	IND2411	DIS			2	100%		
		Online	6	100%	14	86%		
		Total	6	100%	16	88%		
	IND2414	DIS	2	100%				
		Lecture					9	89%
		Total	2	100%			9	89%

Indicates more than 5% difference between instructional methods

Source: IR Program Assessment Data

Course Success Rates by Instructional Method – Multiple Methods Only (2 of 3)

Major, Associated Courses and Instructional Method			2012-2013		2013-2014		2014-2015	
			Attempted	% Successful	Attempted	% Successful	Attempted	% Successful
2219 Architectural/ Bldg Tech	BCN1210	DIS			1	100%		
		Lecture	19	79%				
		Online			14	93%	17	71%
		Total	19	79%	15	93%	17	71%
	BCN2560	DIS	1	100%	1	0%		
		Lecture	9	67%				
		Total	10	70%	1	0%		
	BCT1040	DIS					1	100%
		Lecture	11	82%	9	89%		
		Total	11	82%	9	89%	1	100%
	ETC2207	Lecture			8	100%		
		Online	5	100%				
		Total	5	100%	8	100%		
	ETC2245	DIS	1	100%			2	100%
		Lecture	7	100%				
		Online			10	80%	15	53%
		Total	8	100%	10	80%	17	59%
	ETD2390	DIS	6	100%				
		Lecture			13	92%	15	87%
		Total	6	100%	13	92%	15	87%
	ETD2540	DIS					1	100%
		Lecture	8	88%	9	78%	6	100%
		Total	8	88%	9	78%	7	100%

Indicates more than 5% difference between instructional methods

Source: IR Program Assessment Data

Course Success Rates by Instructional Method – Multiple Methods Only (3 of 3)

Major, Associated Courses and Instructional Method			2012-2013		2013-2014		2014-2015	
			Attempted	% Successful	Attempted	% Successful	Attempted	% Successful
2220 Drafting and Design-CAD	ETD2320	Lecture					50	78%
		Online	43	74%	49	65%		
		Total	43	74%	49	65%	50	78%
	ETD2340	Lecture					26	77%
		Online	27	70%	23	65%		
		Total	27	70%	23	65%	26	77%
	ETD2357	Lecture					18	78%
		Online	25	56%	31	65%		
		Total	25	56%	31	65%	18	78%
	ETD2364	Lecture					17	94%
		Online	17	59%	19	53%		
		Total	17	59%	19	53%	17	94%
	ETD2377	DIS					2	50%
		Lecture					9	100%
		Online	8	75%				
		Total	8	75%			11	91%
	ETG2520	DIS	1	100%				
		Hybrid					10	90%
		Total	1	100%			10	90%

Indicates more than 5% difference between instructional methods

Source: IR Program Assessment Data

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

Major, Associated Courses and Sub-session				2012-2013		2013-2014		2014-2015	
				Attempted	% Successful	Attempted	% Successful	Attempted	% Successful
2070 Interior Design Tech	HHD1321	FA	Full term	8	88%	7	100%	11	82%
		SP	Full term	9	78%			12	92%
		SU	Full term	8	63%			1	100%
			Total	25	76%	7	100%	24	88%
	HHD1361	FA	Full term			11	91%		
		SP	Full term					13	92%
			Total			11	91%	13	92%
	IND1021	FA	Full term	7	86%	9	67%		
		SP	Full term					9	89%
			Total	7	86%	9	67%	9	89%
	IND1429	FA	Full term					7	86%
		SP	Full term	16	81%				
			Total	16	81%			7	86%
	IND1432	SP	Full term	9	100%			17	76%
		SU	Full term	8	100%				
			Total	17	100%			17	76%
	IND1935	FA	Full term			2	100%		
		SP	Full term	15	80%	15	93%	19	84%
			Total	15	80%	17	94%	19	84%
	IND2410	FA	Full term			1	100%	13	92%
		SP	Full term			1	100%		
		SU	Full term	6	67%				
			Total	6	67%	2	100%	13	92%
	IND2411	FA	Full term			2	100%		
		SP	Full term			14	86%		
		SU	Full term	6	100%				
			Total	6	100%	16	88%		

Indicates more than 5% difference between sessions or sub-sessions.

Source: IR Program Assessment Data

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

Major or Dept., Associated Courses and Sub-session				2012-2013		2013-2014		2014-2015	
				Attempted	% Successful	Attempted	% Successful	Attempted	% Successful
2070 Interior Design Tech	IND2414	FA	Full term	2	100%				
		SP	Full term					9	89%
			Total	2	100%			9	89%
	IND2949	FA	B term			1	100%		
		SP	B term	1	100%				
			Full term	5	100%	2	100%	5	80%
			Total	6	100%	2	100%	5	80%
		SU	Full term	2	100%	1	100%	4	100%
			Total	10	100%	8	88%	12	92%
2219 Architectural / Bldg Tech	BCN1210	FA	Full term	9	67%	1	100%		
		SP	Full term	10	90%	14	93%	17	71%
			Total	19	79%	15	93%	17	71%
	BCN1251	FA	Full term	18	78%	13	100%	18	78%
		SP	Full term	20	75%	11	91%	18	72%
			Total	38	76%	24	96%	36	75%
	BCN1253	FA	Full term	6	67%			8	75%
		SP	Full term	15	100%	8	88%		
			Total	21	90%	8	88%	8	75%
	BCN2560	FA	Full term	1	100%				
		SP	Full term	9	67%	1	0%		
			Total	10	70%	1	0%		
	BCT2949	FA	Full term			3	100%	4	100%
		SP	Full term	2	100%	1	100%	1	0%
		SU	Full term	1	100%	1	100%		
			Total	3	100%	5	100%	5	80%
	ETC2207	FA	Full term	5	100%				
		SP	Full term			8	100%		
			Total	5	100%	8	100%		

Indicates more than 5% difference between sessions or sub-sessions.

Source: IR Program Assessment Data

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

Major, Associated Courses and Sub-session				2012-2013		2013-2014		2014-2015	
				Attempted	% Successful	Attempted	% Successful	Attempted	% Successful
2219 Architectural/ Bldg Tech	ETC2245	FA	Full term	1	100%			2	100%
		SP	Full term	7	100%	10	80%	15	53%
		Total		8	100%	10	80%	17	59%
	ETD2540	FA	Full term					1	100%
		SP	Full term	8	88%	9	78%	6	100%
		Total		8	88%	9	78%	7	100%
		FA	B term	1	100%			1	100%
			Full term	1	100%	2	100%	2	100%
			Total	2	100%	2	100%	3	100%
		SP	B term					1	100%
			Full term	4	100%				
			Total	4	100%			1	100%
		SU	Full term			1	100%	1	100%
		Total		6	100%	3	100%	5	100%
2220 Drafting and Design-cad	EGS1111	FA	Full term	10	60%				
		SP	Full term	8	75%	6	50%		
		Total		18	67%	6	50%		
	ETD2320	FA	Full term	23	65%	27	78%	25	80%
		SP	Full term	20	85%	22	50%	25	76%
		Total		43	74%	49	65%	50	78%
	ETD2340	FA	Full term	12	92%	11	73%	12	83%
		SP	Full term	15	53%	12	58%	14	71%
		Total		27	70%	23	65%	26	77%
	ETD2357	FA	Full term	14	57%	10	50%		
		SP	Full term	11	55%	21	71%	18	78%
		Total		25	56%	31	65%	18	78%
	ETD2364	FA	A term					17	94%
			Full term	8	75%	11	55%		
			Total	8	75%	11	55%	17	94%
		SP	Full term	9	44%	8	50%		
		Total		17	59%	19	53%	17	94%
	ETD2377	FA	Full term	8	75%			9	100%
		SP	Full term					2	50%
		Total		8	75%			11	91%

Indicates more than 5% difference between sessions or sub-sessions.

Source: IR Program Assessment Data

Overall Course Success Rates by Session/Sub-session

Major and Sub-session			2012-2013		2013-2014		2014-2015	
			Attempted	% Successful	Attempted	% Successful	Attempted	% Successful
2070 Interior Design Tech	FA	B term			1	100%		
		Full term	64	84%	90	83%	90	86%
		Total	64	84%	91	84%	90	86%
	SP	B term	1	100%				
		Full term	78	85%	58	88%	84	86%
		Total	79	85%	58	88%	84	86%
	SU	Full term	30	83%	1	100%	5	100%
		Total	173	84%	150	85%	179	86%
2219 Architectural/ Bldg Tech	FA	B term	1	100%			1	100%
		Full term	58	81%	41	95%	51	84%
		Total	59	81%	41	95%	52	85%
	SP	B term					1	100%
		Full term	82	87%	69	87%	57	68%
		Total	82	87%	69	87%	58	69%
	SU	Full term	1	100%	2	100%	1	100%
		Total	142	85%	112	90%	111	77%
2220 Drafting And Design-CAD	FA	A term					17	94%
		Full term	76	70%	59	68%	56	86%
		Total	76	70%	59	68%	73	88%
	SP	Full term	72	65%	82	62%	82	79%
		Total	148	68%	141	65%	155	83%
		Total	463	79%	403	79%	445	83%

Indicates more than 5% difference between sessions or sub-sessions.

Source: IR Program Assessment Data

Placement Rates								
Program Title	Major(s)	2010/11		2011/12		2012/13		Average Annual Salary
		DSC%	FCS%	DSC%	FCS%	DSC%	FCS%	
Architectural and Building Technology	2219					100%	69%	$**,***
AutoCAD Foundations (Architectural)	0927	85%	82%	93%	90%	75%	73%	$**,***
AutoCAD Foundations (Engineering)	0928	85%	82%	93%	90%	75%	73%	$**,***
Drafting and Design Technology	0929	75%	77%	0%	80%	0%	89%	$**,***
Drafting and Design Technology (CAD)	2220	-	-	0%	63%	100%	67%	$**,***
Interior Design Technology	2070	63%	72%	100%	73%	100%	93%	$**,***
Interior Design Technology - Kitchen and Bath Specialization	0816			0%	64%	0%	89%	$**,***

Notes:

Graduates in cohort year are tracked in the following year and reported 1 year later.
All continuing education outcomes are based on enrollment data for the fall semester and preliminary winter/spring semester.
All employment outcomes are based on the October - December quarterly data each year.
Individuals are only counted in one educational sector.
Full quarter earnings displayed only when 10 or more graduates are employed full time/full quarter.

Source: IR Program Assessment Data

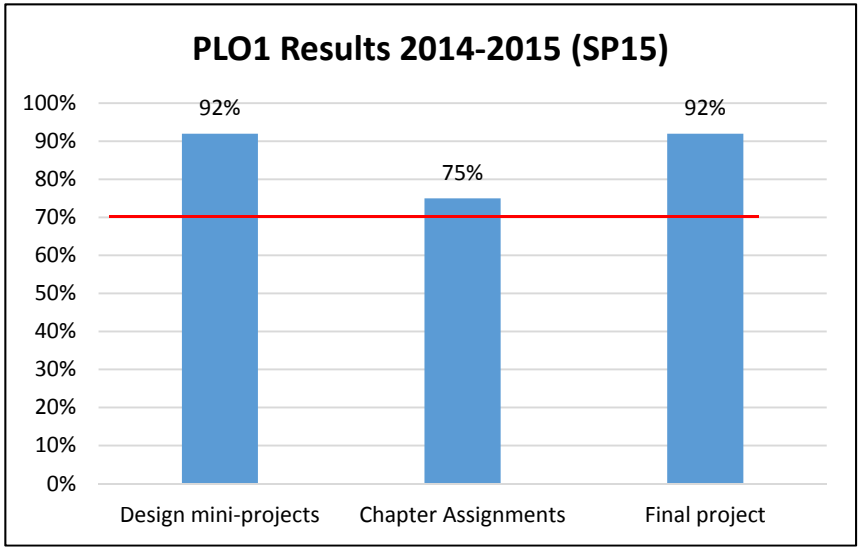
Program Learning Outcomes

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

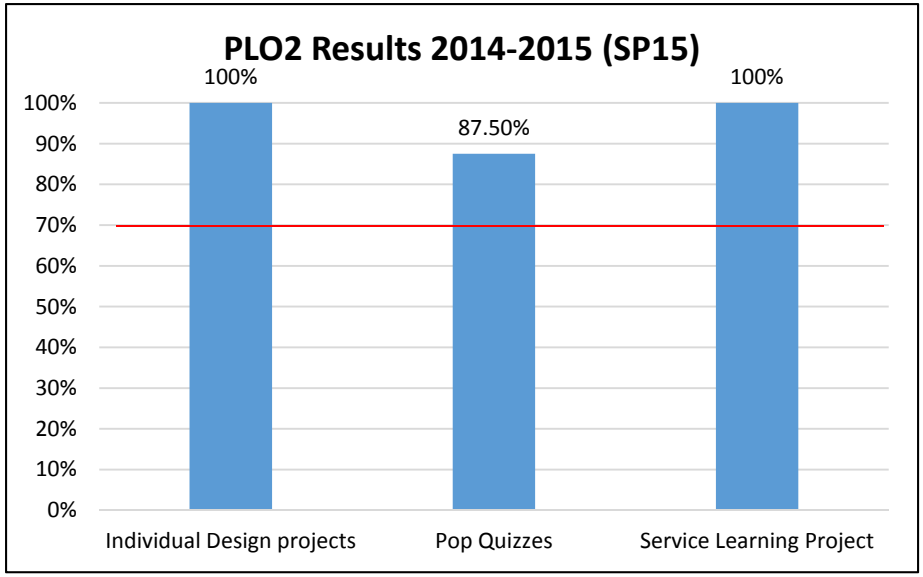
Graduates of the program will be able to:

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 2014-2015

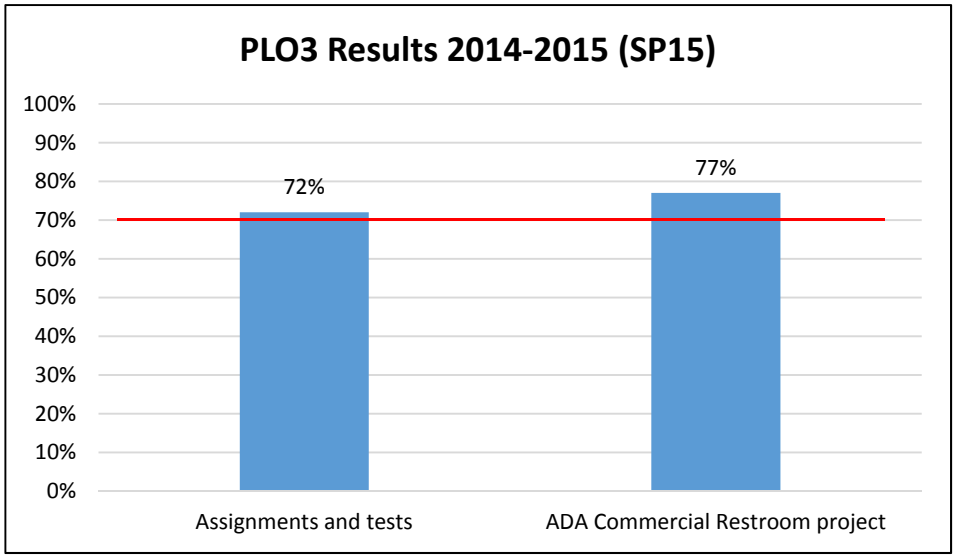


Demonstrate knowledge of codes and problem solving skills through space planning utilizing hand and computer aided drawing techniques

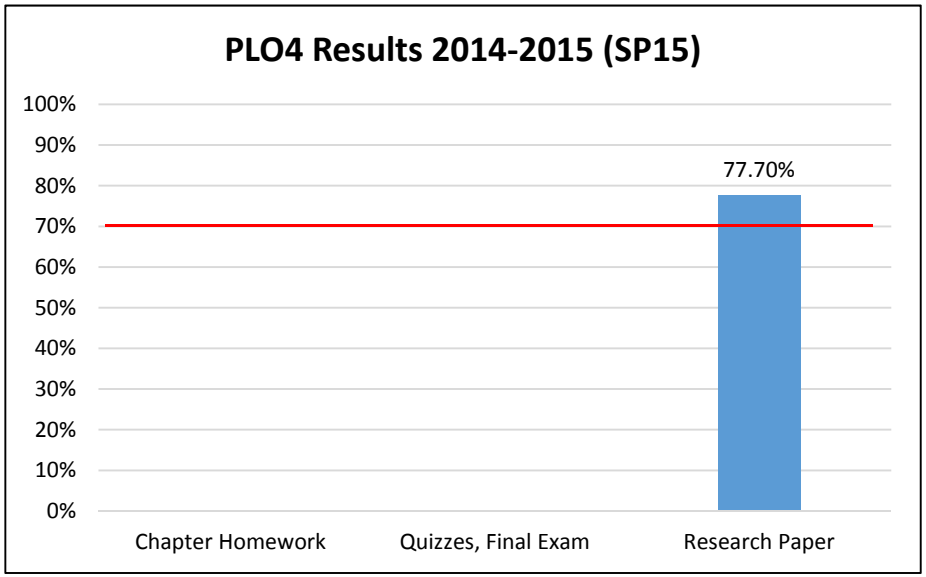


Identify and specify appropriate materials, techniques, and products for both residential and commercial design industries

Assessment Results 2014-2015



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

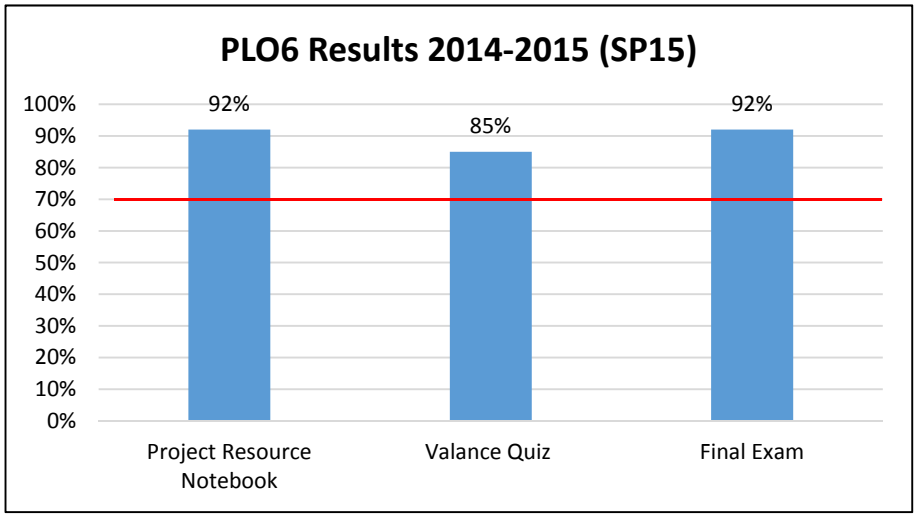


Demonstrate knowledge and application of historical references regarding architecture and interiors through modern application

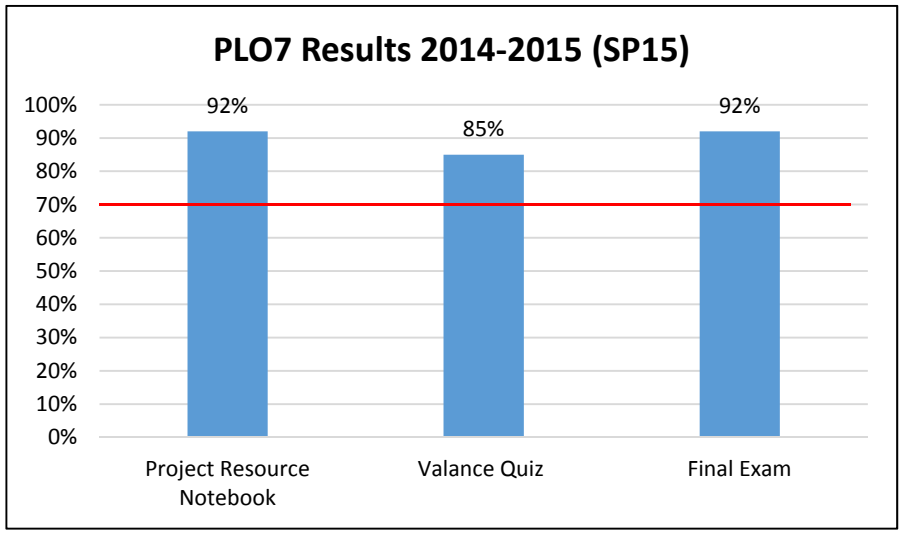
Assessment Results 2014-2015

PLO5: Communicate effectively through written documents, drawings, and verbal presentations

No measured since course was not offered.



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



Apply knowledge of hard and soft window treatments, appropriate applications, estimated costs, and installation methods

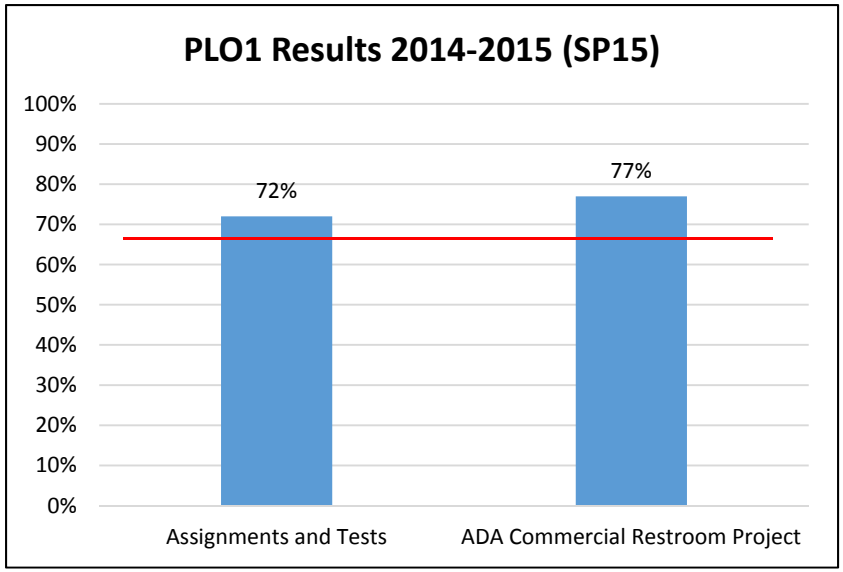
Program Learning Outcomes

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

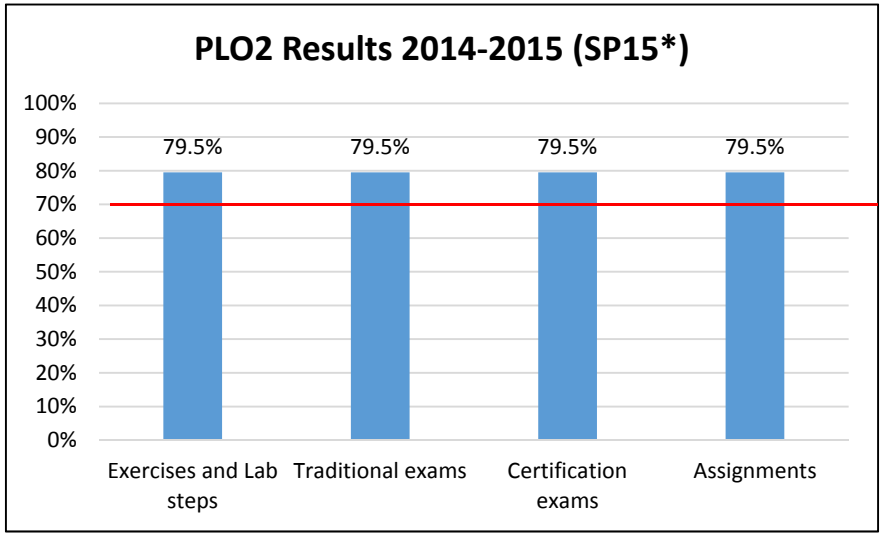
Graduates of the program will be able to:

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 2014-2015



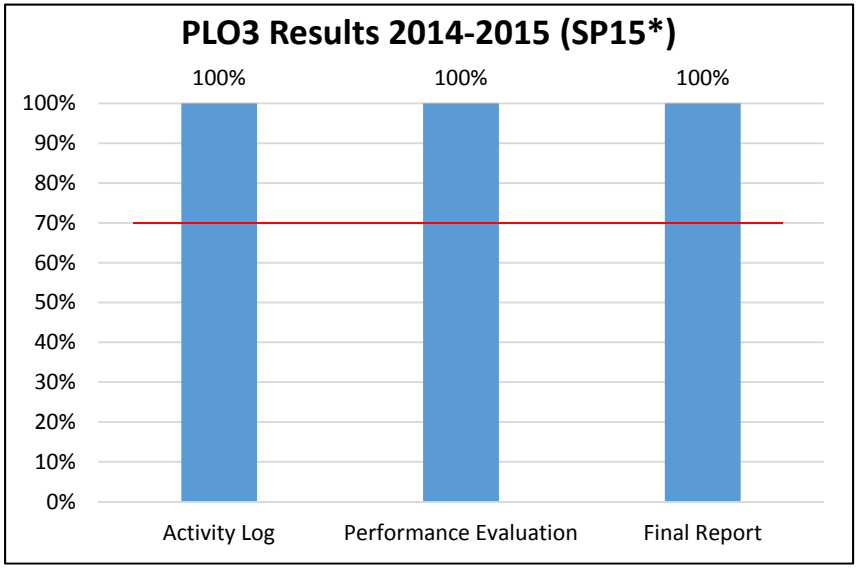
Demonstrate knowledge and ability to follow rules, regulations and building codes



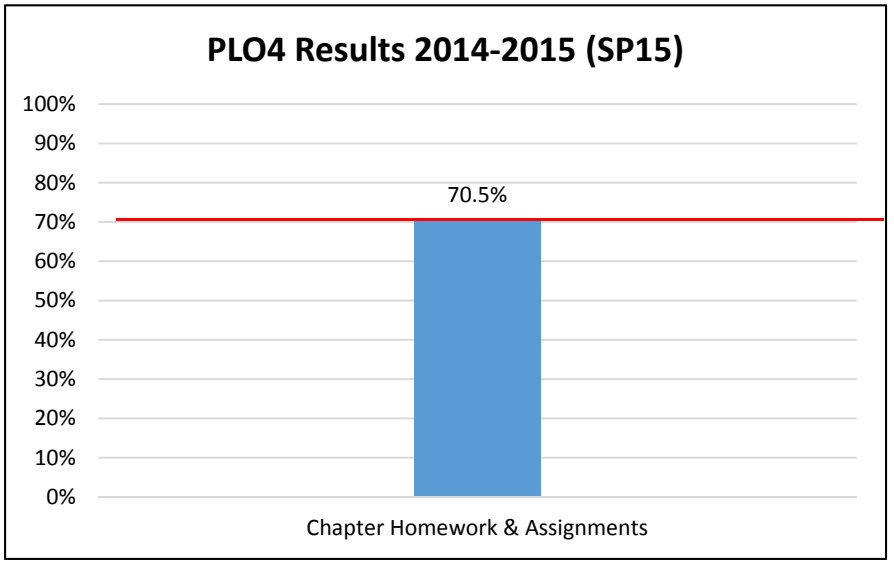
Identify and use different tools, equipment, materials and products used in the industry

**Only one result given for all assessment measures*

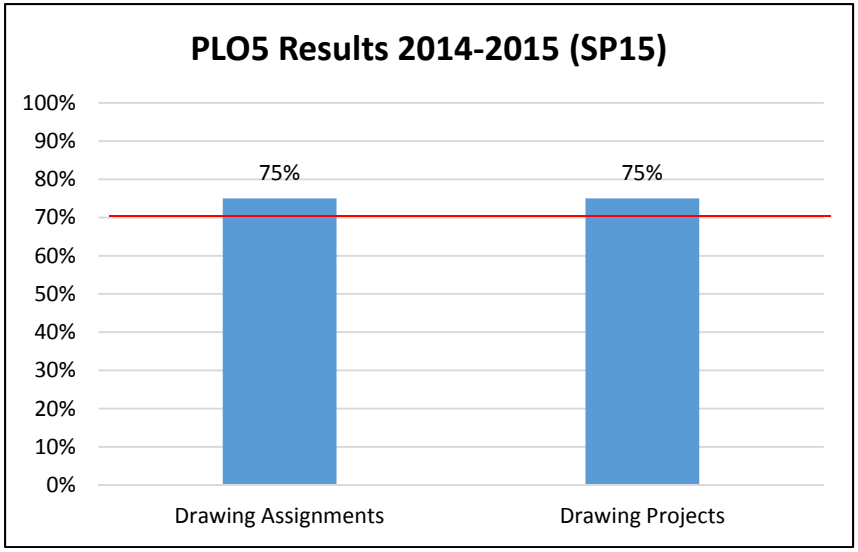
Assessment Results 2014-2015



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



Demonstrate knowledge and skill in residential, commercial and industrial markets



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

**Only one result given for all assessment measures*

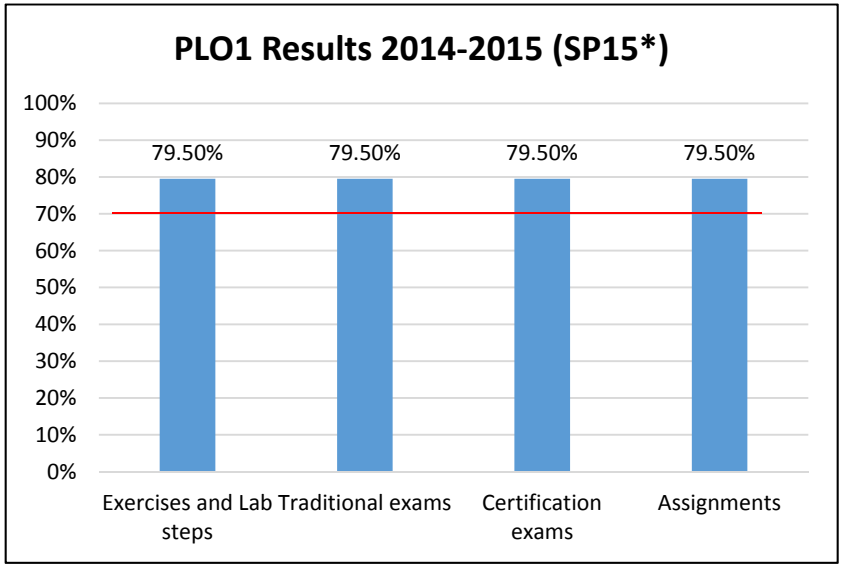
Program Learning Outcomes

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

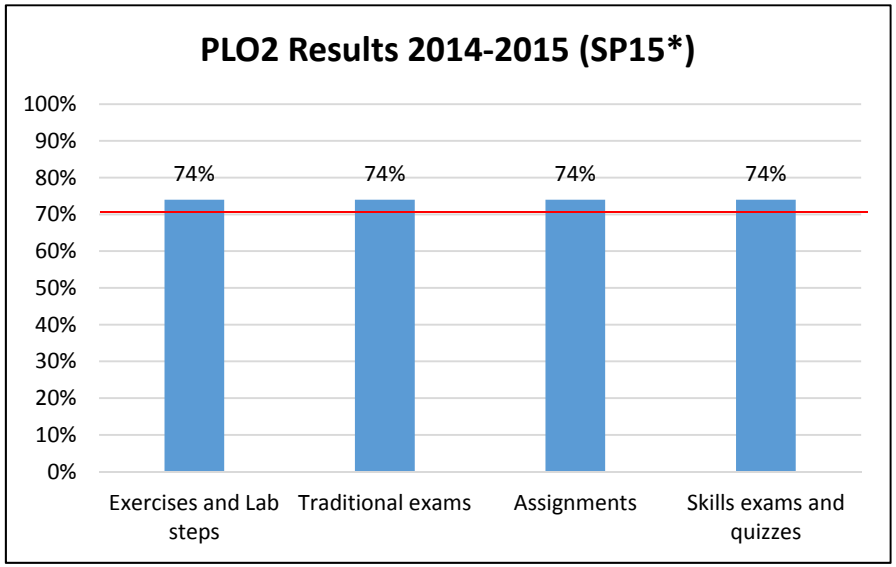
Graduates of the program will be able to:

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.

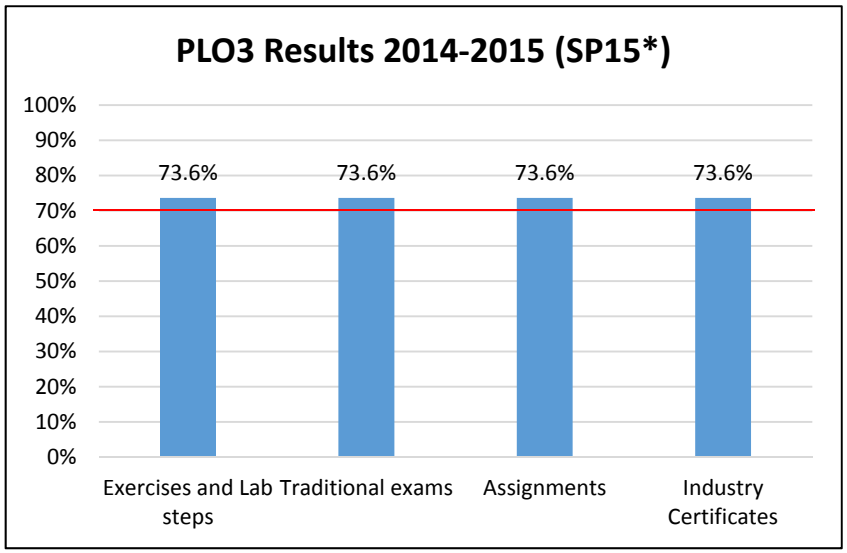
Assessment Results 2014-2015



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



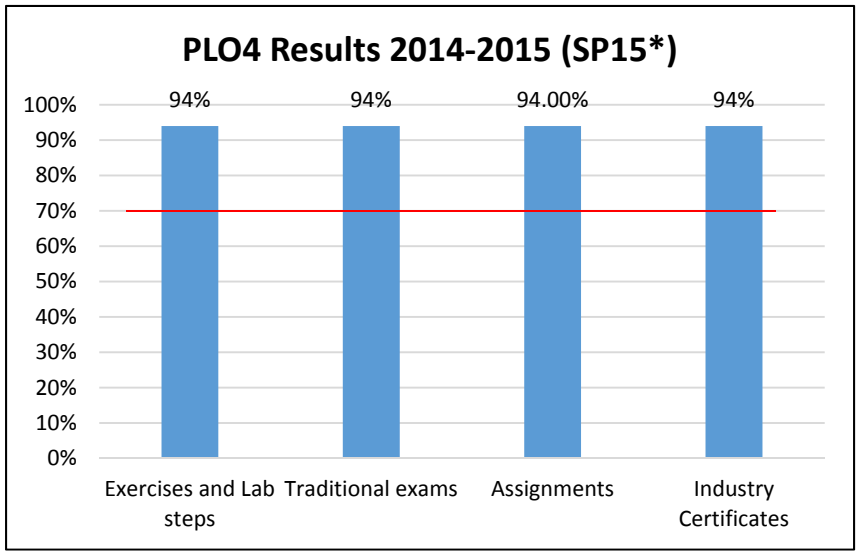
Illustrate core concepts of the drafting and design field while executing analytical, practical or creative tasks



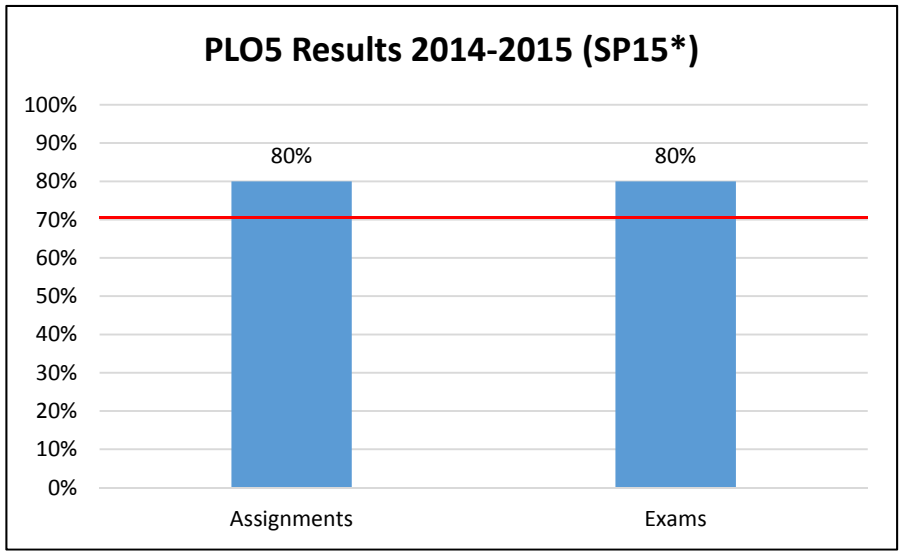
Use universal drawing standards to communicate designs effectively

**Only one result given for all assessment measures*

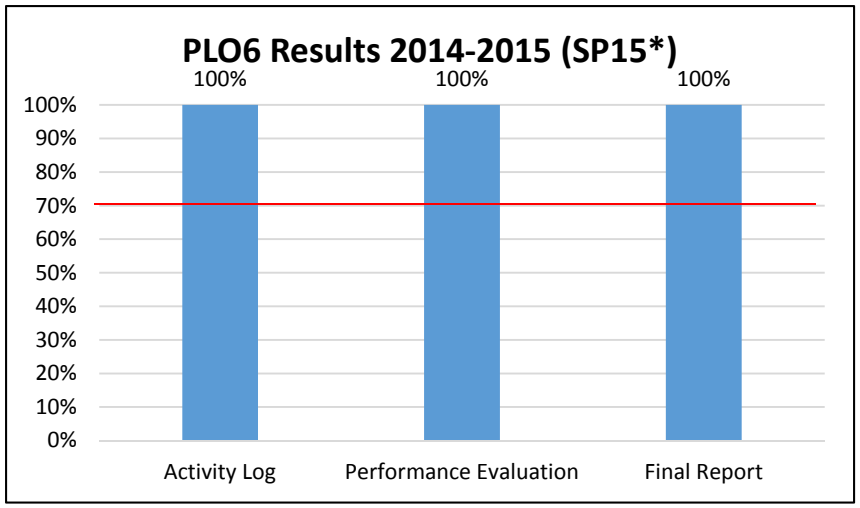
Assessment Results 2014-2015



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



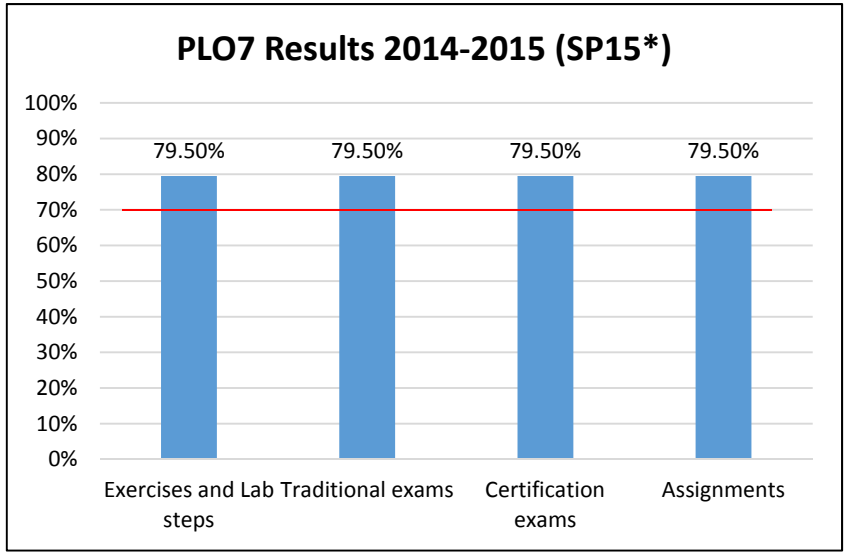
Present accurate calculations and symbolic operations and explain how such calculations and operations are used in designs



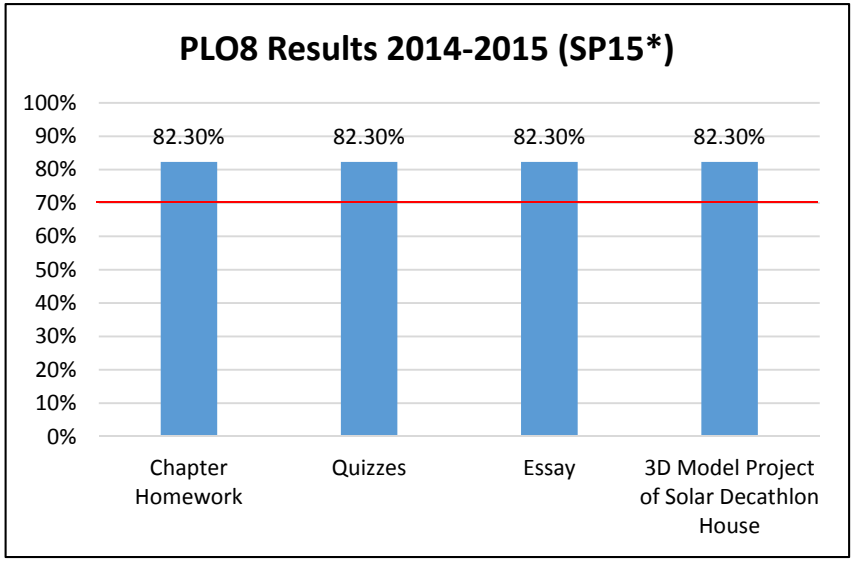
Take an active role in a community context (work, service, co-curricular activities, etc.), and examine the civic issues encountered and the insights gained from the community experience

**Only one result given for all assessment measures*

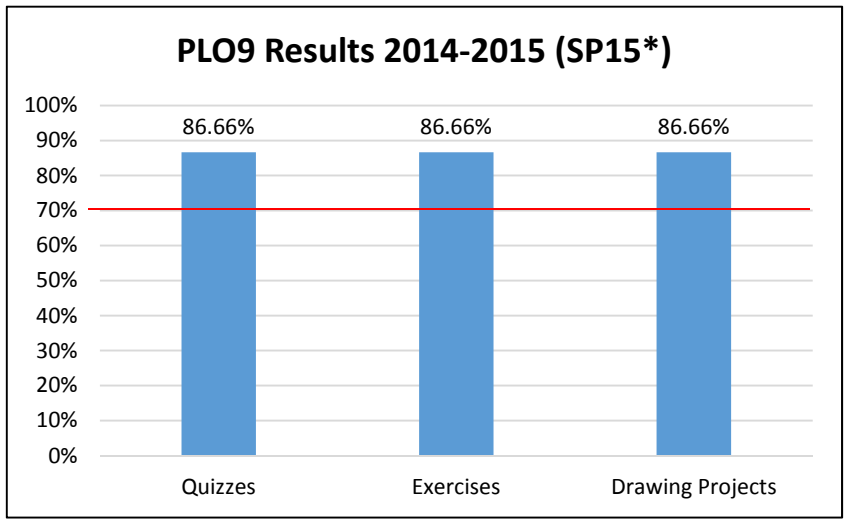
Assessment Results 2014-2015



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



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



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

**Only one result given for all assessment measures*

Assessment Data 2013-2014 and 2014-2015: Programs and Institutional Learning Outcomes

Program	Critical/ Creative Thinking		Communication		Cultural Literacy		Information and Technical Literacy	
	13/14	14/15	13/14	14/15	13/14	14/15	13/14	14/15
2219 - Architectural and Building Technology	67%	74%	94%	72%-84%	79%	77.7%	96%	81.25%
0927 - AutoCAD Foundations (Architectural)	67%	74%	94%	72%-84%	79%	77.7%	96%	81.25%
0928 - AutoCAD Foundations (Engineering)	66%	73.6%	53%	94%	79%	77.7%	96%	75%
0929 - Drafting and Design Technology	66%	73.6%	53%	94%	79%	77.7%	96%	75%
2220 - Drafting and Design Technology (CAD)	66%	73.6%	53%	94%	79%	77.7%	96%	75%
2070 - Interior Design Technology	84%	75%-100%	86%	NR	79%	77.7%	66.6%	79.5%
0816 - Interior Design Technology - Kitchen and Bath Specialization	84%	75%-100%	86%	NR	79%	77.7%	66.6%	79.5%