

Program Learning Outcomes Overall and Disaggregated Results 2015-16

Background

The Institutional and Program Learning Outcomes survey was created in March 2017 as a collaboration between the accreditation steering committee, the institutional research office, and the program review committee. All students who earned degrees or certificates in the 2015-16 academic year were emailed with a link to participate in a brief survey to give their thoughts on their programs of study. The survey was open for a two month long period to allow for former students to have additional time to complete the survey. Students had a chance to provide their insights related to their programs of study and preparation in relation to primary program learning outcome areas common to most programs:

- preparation for employment in the field
- preparation for transfer to a university

Additionally, data on student employment in the field and transfers to universities was also collected within the survey. Data for programs and areas in which less than 10 students responded to the survey has been suppressed for student privacy and is only presented through percentages.

Results

Overall, programs, in which greater than 10 students responded to the survey, with the most positive outcomes included Diagnostic Medical Sonography; Hotel, Restaurant, and Culinary Arts; and Radiologic Technology. Similarly, students who graduated from the Diagnostic Medical Sonography; Hotel, Restaurant, and Culinary Arts; Automotive Technology; Computer Information Systems; and Aviation and Travel Careers programs reported the highest levels of preparation for employment and transfer. When disaggregating the results, it was revealed that students reported similar levels of preparation for employment and transfer when examining students by gender, age, and financial aid status. In contrast, there were slight gaps, approximately between 10 – 15 percentage points, when examining preparation by ethnicity, disability status, and veteran status; however, these gaps may be due to the large variances in the number of students assessed for these areas.

Overall PLO Results by Department and Program Area

Program/ Department Area	PLO Areas							
	Preparation for Employment		Employment in Field		Preparation for Transfer		Transfer to 4-year University	
	<i>n</i> assessed	% success	<i>n</i> assessed	% success	<i>n</i> assessed	% success	<i>n</i> assessed	% success
Accounting	*	100.0%	*	66.7%	*	100.0%	*	0.0%
Air Cond/ Refrigeration	*	100.0%	*	0.0%	0	-	*	0.0%
Anthropology	*	0.0%	*	0.0%	*	100.0%	*	100.0%
Art	*	60.0%	*	0.0%	*	100.0%	*	80.0%
Auto Collision Repair	*	100.0%	*	33.3%	*	100.0%	*	0.0%
Automotive Technology	16	93.8%	16	56.3%	13	84.6%	16	6.3%
Aviation & Travel Careers	18	88.9%	18	33.3%	14	85.7%	18	0.0%

Note. Successfully achieving a PLO refers to having *extremely well* or *very well* preparation in each preparatory PLO area or achieving an employment/transfer outcome. Overall, 1,439 students earned 1,878 degrees and certificates in 2015-16. All received an invitation to provide their thoughts on their program of study over a two month long period. Students were asked to complete the survey multiple times if they had completed multiple degrees or certificates for each award that they earned. Overall, students responded to the survey 338 times, indicating an 18.0% response rate.

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	<i>n</i> assessed	% success	<i>n</i> assessed	% success	<i>n</i> assessed	% success	<i>n</i> assessed	% success
Business	20	55.0%	22	18.2%	22	81.8%	15	68.2%
Com. Studies	*	50.0%	*	0.0%	*	60.0%	*	60.0%
Computer Info. Sys.	17	88.2%	18	33.3%	10	90.0%	18	16.7%
Dental Assisting	*	100.0%	*	66.7%	*	66.7%	*	0.0%
Dental Hygiene	*	75.0%	*	100.0%	*	100.0%	*	0.0%
Diag. Med. Sonography	12	100.0%	12	100.0%	*	100.0%	12	0.0%
Education	*	100.0%	*	0.0%	*	100.0%	*	100.0%
English	*	33.3%	*	0.0%	*	25.0%	*	100.0%
Geography	*	100.0%	*	50.0%	*	100.0%	*	0.0%
Health Info. Technology	*	71.4%	*	71.4%	*	100.0%	*	0.0%
Hotel, Rest. & Culinary	30	96.7%	30	86.7%	17	82.4%	30	3.3%
Human Services	11	90.9%	12	58.3%	10	50.0%	12	0.0%
Liberal Arts/ Humanities	*	88.9%	*	0.0%	*	100.0%	*	88.9%
Liberal Arts/ Math/Science	18	55.6%	22	36.4%	20	65.0%	22	36.4%
Liberal Arts/ Social Science	36	66.7%	37	18.9%	35	77.1%	37	56.8%
Management	*	60.0%	*	33.3%	*	50.0%	*	0.0%
Marketing	*	75.0%	*	50.0%	*	100.0%	*	0.0%
Mathematics	*	50.0%	*	0.0%	*	80.0%	*	100.0%
Media Arts Design	*	0.0%	*	0.0%	*	100.0%	*	100.0%
Mortuary Science	*	71.4%	*	71.4%	*	100.0%	*	14.3%
Music	*	50.0%	*	0.0%	*	50.0%	*	50.0%
Nursing	25	72.0%	26	80.8%	17	76.5%	26	3.8%
Photography	*	100.0%	*	0.0%	*	100.0%	*	0.0%
Physics	*	100.0%	*	33.3%	*	100.0%	*	66.7%

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	Preparation for Employment		Employment in Field		Preparation for Transfer		Transfer to 4-year University	
	<i>n</i> assessed	% success	<i>n</i> assessed	% success	<i>n</i> assessed	% success	<i>n</i> assessed	% success
Political Science	*	33.3%	*	33.3%	*	66.7%	*	66.7%
Psychiatric Technology	*	88.9%	*	88.9%	*	71.4%	*	0.0%
Psychology	*	60.0%	*	0.0%	*	83.3%	*	83.3%
Radiologic Technology	15	93.3%	15	93.3%	*	75.0%	15	0.0%
Sociology	*	80.0%	*	0.0%	*	66.7%	*	100.0%
Theater Arts	*	50.0%	*	0.0%	*	100.0%	*	0.0%
Total	321	77.3%	338	46.4%	246	78.9%	338	28.4%

*Note. Less than 10 students responded to this area of the survey for this program/department area

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PLO Results by Disaggregated by Demographic Characteristics

Gender

Gender	PLO Areas							
	Preparation for Employment		Employment in Field		Preparation for Transfer		Transfer to 4-year University	
	<i>n</i>	%	<i>n</i>	%	<i>n</i>	%	<i>n</i>	%
	assessed	success	assessed	success	assessed	success	assessed	success
Female	213	77.0%	222	45.5%	158	79.7%	222	31.1%
Male	106	77.4%	114	48.2%	87	78.2%	114	23.7%
Unknown	*	100.0%	*	50.0%	*	0.0%	*	0.0%
Total	321	77.3%	338	46.4%	246	78.9%	338	28.4%

Ethnicity

Ethnicity	PLO Areas							
	Preparation for Employment		Employment in Field		Preparation for Transfer		Transfer to 4-year University	
	<i>n</i>	%	<i>n</i>	%	<i>n</i>	%	<i>n</i>	%
	assessed	success	assessed	success	assessed	success	assessed	success
Asian/PI	91	78.0%	96	47.9%	63	76.2%	96	26.0%
Black	18	72.2%	18	72.2%	12	66.7%	18	22.2%
Hispanic	120	72.5%	126	36.5%	108	82.4%	126	37.3%
White	87	83.9%	92	55.4%	61	80.3%	92	20.7%
Unknown	*	80.0%	*	16.7%	*	0.0%	*	16.7%
Total	321	77.3%	338	46.4%	246	78.9%	338	28.4%

Age

Age	PLO Areas							
	Preparation for Employment		Employment in Field		Preparation for Transfer		Transfer to 4-year University	
	<i>n</i>	%	<i>n</i>	%	<i>n</i>	%	<i>n</i>	%
	assessed	success	assessed	success	assessed	success	assessed	success
0 – 19	*	85.7%	*	14.3%	*	75.0%	*	0.0%
20 – 24	115	70.4%	125	32.0%	109	75.2%	125	50.4%
25 – 29	65	81.5%	70	51.4%	54	75.9%	70	21.4%
30 – 49	108	77.8%	109	59.6%	69	87.0%	109	15.6%
50+	26	92.3%	27	48.1%	10	80.0%	27	3.7%
Total	321	77.3%	338	46.4%	246	78.9%	338	28.4%

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Disability Status

DSS Student	PLO Areas							
	Preparation for Employment		Employment in Field		Preparation for Transfer		Transfer to 4-year University	
	<i>n</i> assessed	% success	<i>n</i> assessed	% success	<i>n</i> assessed	% success	<i>n</i> assessed	% success
No	288	76.7%	305	46.2%	219	80.4%	305	28.5%
Yes	33	81.8%	33	48.5%	27	66.7%	33	27.3%
Total	321	77.3%	338	46.4%	246	78.9%	338	28.4%

Veteran Status

Veteran	PLO Areas							
	Preparation for Employment		Employment in Field		Preparation for Transfer		Transfer to 4-year University	
	<i>n</i> assessed	% success	<i>n</i> assessed	% success	<i>n</i> assessed	% success	<i>n</i> assessed	% success
No	310	77.1%	327	46.2%	237	78.5%	327	28.4%
Yes	11	81.8%	11	54.5%	*	88.9%	11	27.3%
Total	321	77.3%	338	46.4%	246	78.9%	338	28.4%

Financial Aid Status

Financial Aid Recipient	PLO Areas							
	Preparation for Employment		Employment in Field		Preparation for Transfer		Transfer to 4-year University	
	<i>n</i> assessed	% success	<i>n</i> assessed	% success	<i>n</i> assessed	% success	<i>n</i> assessed	% success
No	83	77.1%	84	48.8%	58	81.0%	84	25.0%
Yes	238	77.3%	254	45.7%	188	78.2%	254	29.5%
Total	321	77.3%	338	46.4%	246	78.9%	338	28.4%

Foster Youth Status

Financial Aid Recipient	PLO Areas							
	Preparation for Employment		Employment in Field		Preparation for Transfer		Transfer to 4-year University	
	<i>n</i> assessed	% success	<i>n</i> assessed	% success	<i>n</i> assessed	% success	<i>n</i> assessed	% success
No	0	-	0	-	0	-	0	-
Yes	321	77.3%	338	46.4%	246	78.9%	338	28.4%
Total	321	77.3%	338	46.4%	246	78.9%	338	28.4%

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