Success and Retention 2011/12 through 2015/16
Computer Information Systems (CIS)

Course Success and Retention Annually

	Enrollments	Success Count	Success Rate	Success Rate Goal	Success Rate Diff	Retention Count	Retention Rate	Retention Rate Goal	Retention Rate Diff
2011/2012	322	144	**44.7%**	70%	**-25.3%**	207	**64.3%**	84%	**-19.7%**
2012/2013	215	131	**60.9%**	70%	**-9.1%**	170	**79.1%**	84%	**-4.9%**
2013/2014	363	220	**60.6%**	70%	**-9.4%**	279	**76.9%**	84%	**-7.1%**
2014/2015	526	289	**54.9%**	70%	**-15.1%**	375	**71.3%**	84%	**-12.7%**
2015/2016	532	297	**55.8%**	70%	**-14.2%**	372	**69.9%**	84%	**-14.1%**

Course Success and Retention by Semester

	Headcount	Success Count	Success Rate	Retention Count	Retention Rate
Fall 2011	138	65	**47.1%**	95	**68.8%**
Fall 2012	63	38	**60.3%**	46	**73.0%**
Fall 2013	136	87	**64.0%**	110	**80.9%**
Fall 2014	192	86	**44.8%**	135	**70.3%**
Fall 2015	196	114	**58.2%**	146	**74.5%**
Spring 2012	178	75	**42.1%**	106	**59.6%**
Spring 2013	88	57	**64.8%**	75	**85.2%**
Spring 2014	160	91	**56.9%**	118	**73.8%**
Spring 2015	178	105	**59.0%**	129	**72.5%**
Spring 2016	182	101	**55.5%**	125	**68.7%**
Summer 2011	6	4	**66.7%**	6	**100.0%**
Summer 2012	64	36	**56.3%**	49	**76.6%**
Summer 2013	67	42	**62.7%**	51	**76.1%**
Summer 2014	156	98	**62.8%**	111	**71.2%**
Summer 2015	154	82	**53.2%**	101	**65.6%**

Course Success and Retention by Ethnicity

		Headcount	Success Count	Success Rate	Retention Count	Retention Rate
2011/2012	Asian	44	19	**43.2%**	29	**65.9%**
	Black - Non-Hispanic	9	1	**11.1%**	3	**33.3%**
	Filipino	7	5	**71.4%**	5	**71.4%**
	Hispanic	92	31	**33.7%**	45	**48.9%**
	Multi Races	24	13	**54.2%**	18	**75.0%**
	White Non-Hispanic	119	63	**52.9%**	88	**73.9%**
	Unknown	27	12	**44.4%**	19	**70.4%**
	Totals and Averages	322	144	**44.7%**	207	**64.3%**
2012/2013	Asian	23	14	**60.9%**	16	**69.6%**
	Black - Non-Hispanic	6	2	**33.3%**	2	**33.3%**
	Filipino	12	8	**66.7%**	9	**75.0%**
	Hispanic	57	35	**61.4%**	47	**82.5%**
	Multi Races	35	26	**74.3%**	30	**85.7%**
	Pacific Islander	2			2	**100.0%**
	White Non-Hispanic	69	42	**60.9%**	57	**82.6%**
	Unknown	11	4	**36.4%**	7	**63.6%**
	Totals and Averages	215	131	**60.9%**	170	**79.1%**
2013/2014	American Indian/Alaskan Native	1			1	**100.0%**
	Asian	53	31	**58.5%**	41	**77.4%**
	Black - Non-Hispanic	14	5	**35.7%**	11	**78.6%**
	Filipino	9	5	**55.6%**	5	**55.6%**
	Hispanic	82	55	**67.1%**	62	**75.6%**
	Multi Races	48	30	**62.5%**	39	**81.3%**
	Pacific Islander	4	1	**25.0%**	2	**50.0%**
	White Non-Hispanic	127	76	**59.8%**	101	**79.5%**
	Unknown	25	17	**68.0%**	17	**68.0%**
	Totals and Averages	363	220	**60.6%**	279	**76.9%**
2014/2015	American Indian/Alaskan Native	1			1	**100.0%**
	Asian	113	80	**70.8%**	91	**80.5%**
	Black - Non-Hispanic	8	3	**37.5%**	6	**75.0%**
	Filipino	16	4	**25.0%**	7	**43.8%**

Course Success and Retention by Ethnicity

	Headcount	Success Count	Success Rate	Retention Count	Retention Rate
Hispanic	94	38	40.4%	67	71.3%
Multi Races	77	38	49.4%	51	66.2%
Pacific Islander	6	1	16.7%	2	33.3%
White Non-Hispanic	188	111	59.0%	134	71.3%
Unknown	23	14	60.9%	16	69.6%
Totals and Averages	526	289	54.9%	375	71.3%
2015/2016 American Indian/Alaskan Native	1	1	100.0%	1	100.0%
Asian	141	99	70.2%	120	85.1%
Black - Non-Hispanic	10	4	40.0%	6	60.0%
Filipino	23	14	60.9%	16	69.6%
Hispanic	107	44	41.1%	64	59.8%
Multi Races	88	36	40.9%	48	54.5%
Pacific Islander	3			1	33.3%
White Non-Hispanic	146	90	61.6%	106	72.6%
Unknown	13	9	69.2%	10	76.9%
Totals and Averages	532	297	55.8%	372	69.9%

Course Success and Retention by Gender

	Headcount	Success Count	Success Rate	Retention Count	Retention Rate
2011/2012 Female	52	22	42.3%	30	57.7%
Male	262	120	45.8%	173	66.0%
Unreported	2			2	100.0%
Totals & Averages	316	142	44.9%	205	64.9%
2012/2013 Female	54	30	55.6%	38	70.4%
Male	156	98	62.8%	129	82.7%
Unreported	5	3	60.0%	3	60.0%
Totals & Averages	215	131	60.9%	170	79.1%
2013/2014 Female	91	62	68.1%	69	75.8%

Course Success and Retention by Gender

		Headcount	Success Count	Success Rate	Retention Count	Retention Rate
	Male	259	153	**59.1%**	203	**78.4%**
	Unreported	13	5	**38.5%**	7	**53.8%**
	Totals & Averages	363	220	**60.6%**	279	**76.9%**
2014/2015	Female	131	83	**63.4%**	96	**73.3%**
	Male	375	197	**52.5%**	269	**71.7%**
	Unreported	20	9	**45.0%**	10	**50.0%**
	Totals & Averages	526	289	**54.9%**	375	**71.3%**
2015/2016	Female	152	91	**59.9%**	103	**67.8%**
	Male	361	191	**52.9%**	254	**70.4%**
	Unreported	19	15	**78.9%**	15	**78.9%**
	Totals & Averages	532	297	**55.8%**	372	**69.9%**

Course Success and Retention by Age

		Headcount	Success Count	Success Rate	Retention Count	Retention Rate
2011/2012	Under 18	32	18	**56.3%**	22	**68.8%**
	Age 18-22	152	76	**50.0%**	103	**67.8%**
	Age 23-28	53	14	**26.4%**	27	**50.9%**
	Age 29-39	35	11	**31.4%**	18	**51.4%**
	Age 40-49	27	9	**33.3%**	17	**63.0%**
	Age 50-59	16	12	**75.0%**	14	**87.5%**
	Age 60+	7	4	**57.1%**	6	**85.7%**
	Totals & Averages	322	144	**44.7%**	207	**64.3%**
2012/2013	Under 18	41	26	**63.4%**	35	**85.4%**
	Age 18-22	64	36	**56.3%**	50	**78.1%**
	Age 23-28	42	28	**66.7%**	33	**78.6%**
	Age 29-39	38	24	**63.2%**	31	**81.6%**
	Age 40-49	21	12	**57.1%**	16	**76.2%**
	Age 50-59	8	4	**50.0%**	4	**50.0%**
	Age 60+	1	1	**100.0%**	1	**100.0%**
	Totals & Averages	215	131	**60.9%**	170	**79.1%**
2013/2014	Under 18	46	44	**95.7%**	46	**100.0%**
	Age 18-22	142	85	**59.9%**	111	**78.2%**

Course Success and Retention by Age

		Headcount	Success Count	Success Rate	Retention Count	Retention Rate
	Age 23-28	82	48	**58.5%**	61	**74.4%**
	Age 29-39	57	27	**47.4%**	34	**59.6%**
	Age 40-49	24	12	**50.0%**	17	**70.8%**
	Age 50-59	7	2	**28.6%**	6	**85.7%**
	Age 60+	5	2	**40.0%**	4	**80.0%**
	Totals & Averages	363	220	**60.6%**	279	**76.9%**
2014/2015	Under 18	58	48	**82.8%**	51	**87.9%**
	Age 18-22	234	130	**55.6%**	164	**70.1%**
	Age 23-28	123	63	**51.2%**	92	**74.8%**
	Age 29-39	72	26	**36.1%**	41	**56.9%**
	Age 40-49	24	16	**66.7%**	19	**79.2%**
	Age 50-59	15	6	**40.0%**	8	**53.3%**
	Totals & Averages	526	289	**54.9%**	375	**71.3%**
2015/2016	Under 18	61	42	**68.9%**	52	**85.2%**
	Age 18-22	256	154	**60.2%**	188	**73.4%**
	Age 23-28	130	57	**43.8%**	79	**60.8%**
	Age 29-39	49	30	**61.2%**	34	**69.4%**
	Age 40-49	25	11	**44.0%**	14	**56.0%**
	Age 50-59	7	3	**42.9%**	4	**57.1%**
	Age 60+	4			1	**25.0%**
	Totals & Averages	532	297	**55.8%**	372	**69.9%**

Course Success and Retention by Enrollment Status

		Headcount	Success Count	Success Rate	Retention Count	Retention Rate
2011/2012	Continuing Student	196	90	**45.9%**	121	**61.7%**
	Currently K-12	30	18	**60.0%**	22	**73.3%**
	First-Time Student	18	7	**38.9%**	11	**61.1%**
	First-Time Transfer Student	44	14	**31.8%**	34	**77.3%**
	Returning Student	17	7	**41.2%**	8	**47.1%**
	Returning Transfer Student	17	8	**47.1%**	11	**64.7%**
	Totals & Averages	322	144	**44.7%**	207	**64.3%**
2012/2013	Continuing Student	117	74	**63.2%**	96	**82.1%**

Course Success and Retention by Enrollment Status

		Headcount	Success Count	Success Rate	Retention Count	Retention Rate
	Currently K-12	42	25	59.5%	36	85.7%
	First-Time Student	9	6	66.7%	7	77.8%
	First-Time Transfer Student	18	11	61.1%	14	77.8%
	Returning Student	21	11	52.4%	12	57.1%
	Returning Transfer Student	8	4	50.0%	5	62.5%
	Totals & Averages	215	131	60.9%	170	79.1%
2013/2014	Continuing Student	206	120	58.3%	145	70.4%
	Currently K-12	58	52	89.7%	54	93.1%
	First-Time Student	13	6	46.2%	13	100.0%
	First-Time Transfer Student	31	17	54.8%	26	83.9%
	Returning Student	21	10	47.6%	17	81.0%
	Returning Transfer Student	34	15	44.1%	24	70.6%
	Totals & Averages	363	220	60.6%	279	76.9%
2014/2015	Continuing Student	310	154	49.7%	207	66.8%
	Currently K-12	60	49	81.7%	53	88.3%
	First-Time Student	25	16	64.0%	23	92.0%
	First-Time Transfer Student	49	33	67.3%	37	75.5%
	Returning Student	37	18	48.6%	25	67.6%
	Returning Transfer Student	45	19	42.2%	30	66.7%
	Totals & Averages	526	289	54.9%	375	71.3%
2015/2016	Continuing Student	305	166	54.4%	203	66.6%
	Currently K-12	57	40	70.2%	49	86.0%
	First-Time Student	37	21	56.8%	29	78.4%
	First-Time Transfer Student	67	38	56.7%	49	73.1%
	Returning Student	28	12	42.9%	16	57.1%
	Returning Transfer Student	38	20	52.6%	26	68.4%
	Totals & Averages	532	297	55.8%	372	69.9%

Course Success and Retention by DE vs Non DE

		Headcount	Success Count	Success Rate	Retention Count	Retention Rate
2011/2012	Not Online	191	91	**47.6%**	128	**67.0%**
	Online	114	49	**43.0%**	71	**62.3%**
	Web Assisted	17	4	**23.5%**	8	**47.1%**
	Totals & Averages	322	144	**44.7%**	207	**64.3%**
2012/2013	Hybrid	24	15	**62.5%**	20	**83.3%**
	Not Online	160	98	**61.3%**	126	**78.8%**
	Online	31	18	**58.1%**	24	**77.4%**
	Totals & Averages	215	131	**60.9%**	170	**79.1%**
2013/2014	Not Online	221	130	**58.8%**	170	**76.9%**
	Online	123	71	**57.7%**	90	**73.2%**
	Web Assisted	19	19	**100.0%**	19	**100.0%**
	Totals & Averages	363	220	**60.6%**	279	**76.9%**
2014/2015	Not Online	307	157	**51.1%**	221	**72.0%**
	Online	219	132	**60.3%**	154	**70.3%**
	Totals & Averages	526	289	**54.9%**	375	**71.3%**
2015/2016	Not Online	329	195	**59.3%**	244	**74.2%**
	Online	203	102	**50.2%**	128	**63.1%**
	Totals & Averages	532	297	**55.8%**	372	**69.9%**

Course Success and Retention by CTE vs Non CTE

		Headcount	Success Count	Success Rate	Retention Count	Retention Rate
2011/2012	CTE	260	107	**41.2%**	154	**59.2%**
	Not CTE	62	37	**59.7%**	53	**85.5%**
	Totals & Averages	322	144	**44.7%**	207	**64.3%**
2012/2013	CTE	125	74	**59.2%**	99	**79.2%**
	Not CTE	90	57	**63.3%**	71	**78.9%**
	Totals & Averages	215	131	**60.9%**	170	**79.1%**
2013/2014	CTE	294	188	**63.9%**	230	**78.2%**
	Not CTE	69	32	**46.4%**	49	**71.0%**
	Totals & Averages	363	220	**60.6%**	279	**76.9%**
2014/2015	CTE	465	266	**57.2%**	337	**72.5%**
	Not CTE	61	23	**37.7%**	38	**62.3%**
	Totals & Averages	526	289	**54.9%**	375	**71.3%**

Course Success and Retention by CTE vs Non CTE

		Headcount	Success Count	Success Rate	Retention Count	Retention Rate
2015/2016	CTE	492	273	**55.5%**	341	**69.3%**
	Not CTE	40	24	**60.0%**	31	**77.5%**
	Totals & Averages	532	297	**55.8%**	372	**69.9%**

Course Success and Retention by Basic Skills vs Non Basic Skills

		Headcount	Success Count	Success Rate	Retention Count	Retention Rate
2011/2012	Non Basic Skills	322	144	**44.7%**	207	**64.3%**
	Totals & Averages	**322**	**144**	**44.7%**	**207**	**64.3%**
2012/2013	Non Basic Skills	215	131	**60.9%**	170	**79.1%**
	Totals & Averages	**215**	**131**	**60.9%**	**170**	**79.1%**
2013/2014	Non Basic Skills	363	220	**60.6%**	279	**76.9%**
	Totals & Averages	**363**	**220**	**60.6%**	**279**	**76.9%**
2014/2015	Non Basic Skills	526	289	**54.9%**	375	**71.3%**
	Totals & Averages	**526**	**289**	**54.9%**	**375**	**71.3%**
2015/2016	Non Basic Skills	532	297	**55.8%**	372	**69.9%**
	Totals & Averages	**532**	**297**	**55.8%**	**372**	**69.9%**

Course Success and Retention by Prior to College Level

		Headcount	Success Count	Success Rate	Retention Count	Retention Rate
2011/2012	Not applicable	322	144	**44.7%**	207	**64.3%**
2012/2013	Not applicable	215	131	**60.9%**	170	**79.1%**
2013/2014	Not applicable	363	220	**60.6%**	279	**76.9%**
2014/2015	Not applicable	526	289	**54.9%**	375	**71.3%**
2015/2016	Not applicable	532	297	**55.8%**	372	**69.9%**

Course Success and Retention by Transfer vs Non Transfer

		Headcount	Success Count	Success Rate	Retention Count	Retention Rate
2011/2012	Transferable	322	144	**44.7%**	207	**64.3%**
	Totals & Averages	322	144	**44.7%**	207	**64.3%**
2012/2013	Transferable	215	131	**60.9%**	170	**79.1%**
	Totals & Averages	215	131	**60.9%**	170	**79.1%**
2013/2014	Transferable	363	220	**60.6%**	279	**76.9%**
	Totals & Averages	363	220	**60.6%**	279	**76.9%**
2014/2015	Transferable	526	289	**54.9%**	375	**71.3%**
	Totals & Averages	526	289	**54.9%**	375	**71.3%**
2015/2016	Transferable	532	297	**55.8%**	372	**69.9%**
	Totals & Averages	532	297	**55.8%**	372	**69.9%**

Grade Distribution

	A	B	C	D	F	Other	W
Fall 2011	17	14	8	1	16	39	43
Fall 2012	16	9	13	5	3		17
Fall 2013	31	24	31	6	15	3	26
Fall 2014	48	18	16	5	43	5	57
Fall 2015	74	22	18	1	31		50
Spring 2012	13	21	6		16	50	72
Spring 2013	33	6	9		15	12	13
Spring 2014	53	16	18		27	4	42
Spring 2015	64	19	22	2	22		49
Spring 2016	58	28	15	5	17	2	57
Summer 2011	2	2			2		
Summer 2012	13	9	5	1	9	12	15
Summer 2013	24	10	7		8	2	16
Summer 2014	54	29	14		13	1	45
Summer 2015	54	16	11	7	12	1	53

Course Success and Retention by Courses

				Headcount	Success	Success Rate	Retention	Retention Rate
Fall 2011	CIS	118	Intro to Object-Oriented Prgm	51	24	47.1%	32	62.7%
		119	Open Computer Lab	17	4	23.5%	8	47.1%
			Open Computer Lab I	36	19	52.8%	28	77.8%
		321	Programming for the iPhone	25	12	48.0%	21	84.0%
		680CD	JavaScript for Web 2.0	9	6	66.7%	6	66.7%
Fall 2012	CIS	118	Intro to Object-Oriented Prgm	46	26	56.5%	34	73.9%
		321	iOS Programming	17	12	70.6%	12	70.6%
Fall 2013	CIS	118	Intro. to Computer Science	82	58	70.7%	73	89.0%
		250	Intro to Obj Ori Program.: C++	36	22	61.1%	24	66.7%
		321	iOS Programming	18	7	38.9%	13	72.2%
Fall 2014	CIS	118	Intro. to Computer Science	61	24	39.3%	42	68.9%
		242	Comp. Arch. & Assembly Lang.	19	6	31.6%	13	68.4%
		250	Intro to Obj Ori Program.: C++	54	31	57.4%	39	72.2%
		252	Intro to Data Struct.: C++	24	10	41.7%	20	83.3%
		284	Intro to Obj Orien Prog - Java	14	7	50.0%	8	57.1%
		321	iOS Programming	20	8	40.0%	13	65.0%
Fall 2015	CIS	118	Intro. to Computer Science	70	36	51.4%	51	72.9%
		242	Comp. Arch. & Assembly Lang.	21	15	71.4%	18	85.7%
		250	Intro to Obj Ori Program.: C++	42	23	54.8%	28	66.7%
		252	Intro to Data Struct.: C++	24	17	70.8%	20	83.3%
		284	Intro to Obj Orien Prog - Java	20	14	70.0%	16	80.0%
		321	iOS Programming	19	9	47.4%	13	68.4%
Spring 2012	CIS	118	Intro to Object-Oriented Prgm	54	10	18.5%	23	42.6%
		119	Open Computer Lab	24	6	25.0%	11	45.8%
			Open Computer Lab I	30	4	13.3%	12	40.0%
		250	Programming Methods I: C++	24	20	83.3%	20	83.3%
		251	Open Computer Lab I: C++	24	20	83.3%	20	83.3%
		321	iOS Programming	22	15	68.2%	20	90.9%
Spring 2013	CIS	118	Intro to Object-Oriented Prgm	20	12	60.0%	18	90.0%
		250	Programming Methods I: C++	13	9	69.2%	12	92.3%
		251	Open Computer Lab I: C++	13	9	69.2%	12	92.3%

Course Success and Retention by Courses

				Headcount	Success	Success Rate	Retention	Retention Rate
		321	iOS Programming	28	14	50.0%	20	71.4%
		680CE	iOS Programming Laboratory	14	13	92.9%	13	92.9%
Spring 2014	CIS	118	Intro. to Computer Science	67	43	64.2%	51	76.1%
		242	Comp. Arch. & Assembly Lang.	13	3	23.1%	7	53.8%
		250	Intro to Obj Ori Program.: C++	49	28	57.1%	36	73.5%
		321	iOS Programming	24	10	41.7%	17	70.8%
		695	Independent Study	7	7	100.0%	7	100.0%
Spring 2015	CIS	118	Intro. to Computer Science	65	38	58.5%	49	75.4%
		250	Intro to Obj Ori Program.: C++	48	31	64.6%	37	77.1%
		252	Intro to Data Structures - C++	23	15	65.2%	15	65.2%
		262	Discrete Math. for Comp Scienc	11	8	72.7%	10	90.9%
		284	Intro to Obj Orien Prog - Java	9	4	44.4%	6	66.7%
		321	iOS Programming	16	3	18.8%	6	37.5%
		695	Independent Study	6	6	100.0%	6	100.0%
Spring 2016	CIS	118	Intro. to Computer Science	72	33	45.8%	45	62.5%
		250	Intro Obj Ori Prog:C++ HONORS	1	1	100.0%	1	100.0%
			Intro to Obj Ori Program.: C++	57	36	63.2%	42	73.7%
		252	Intro to Data Structures - C++	19	11	57.9%	11	57.9%
		262	Discrete Math. for Comp Scienc	15	12	80.0%	14	93.3%
		284	Intro to Obj Orien Prog - Java	18	8	44.4%	12	66.7%
Summer 2011	CIS	680CC	World Building with Alice	6	4	66.7%	6	100.0%
Summer 2012	CIS	118	Intro to Object-Oriented Prgm	15	9	60.0%	11	73.3%
		119	Open Computer Lab I	18	9	50.0%	12	66.7%
		680CC	World Building with Alice	31	18	58.1%	26	83.9%
Summer 2013	CIS	118	Intro to Object-Oriented Prgm	60	37	61.7%	46	76.7%
		680CC	World Building with Alice	7	5	71.4%	5	71.4%
Summer 2014	CIS	118	Intro. to Computer Science	86	59	68.6%	63	73.3%
		250	Intro to Obj Ori Program.: C++	70	39	55.7%	48	68.6%
Summer 2015	CIS	118	Intro. to Computer Science	71	39	54.9%	46	64.8%
		250	Intro to Obj Ori Program.: C++	83	43	51.8%	55	66.3%