



Success and Retention 2011/12 through 2015/16 Astronomy (ASTR)

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	463	357	77.1%	70%	7.1%	412	89.0%	84%	5.0%
2012/2013	402	304	75.6%	70%	5.6%	352	87.6%	84%	3.6%
2013/2014	373	236	63.3%	70%	-6.7%	297	79.6%	84%	-4.4%
2014/2015	452	294	65.0%	70%	-5.0%	358	79.2%	84%	-4.8%
2015/2016	460	297	64.6%	70%	-5.4%	371	80.7%	84%	-3.3%

Course Success and Retention by Semester

	Headcount	Success Count	Success Rate	Retention Count	Retention Rate
Fall 2011	170	128	75.3%	147	86.5%
Fall 2012	174	131	75.3%	153	87.9%
Fall 2013	103	71	68.9%	88	85.4%
Fall 2014	167	109	65.3%	131	78.4%
Fall 2015	140	104	74.3%	122	87.1%
Spring 2012	215	163	75.8%	191	88.8%
Spring 2013	185	131	70.8%	157	84.9%
Spring 2014	157	84	53.5%	113	72.0%
Spring 2015	145	98	67.6%	115	79.3%
Spring 2016	188	114	60.6%	151	80.3%
Summer 2011	78	66	84.6%	74	94.9%
Summer 2012	43	42	97.7%	42	97.7%
Summer 2013	113	81	71.7%	96	85.0%
Summer 2014	140	87	62.1%	112	80.0%
Summer 2015	132	79	59.8%	98	74.2%

Course Success and Retention by Ethnicity

		Headcount	Success Count	Success Rate	Retention Count	Retention Rate
2011/2012	Asian	21	20	95.2%	21	100.0%
	Black - Non-Hispanic	14	10	71.4%	12	85.7%
	Filipino	12	11	91.7%	12	100.0%
	Hispanic	150	104	69.3%	129	86.0%
	Multi Races	56	43	76.8%	51	91.1%
	Pacific Islander	14	12	85.7%	12	85.7%
	White Non-Hispanic	176	143	81.3%	158	89.8%
	Unknown	20	14	70.0%	17	85.0%
	Totals and Averages	463	357	77.1%	412	89.0%
2012/2013	Asian	10	9	90.0%	9	90.0%
	Black - Non-Hispanic	14	10	71.4%	11	78.6%
	Filipino	6	6	100.0%	6	100.0%
	Hispanic	131	88	67.2%	110	84.0%
	Multi Races	71	46	64.8%	62	87.3%
	Pacific Islander	8	8	100.0%	8	100.0%
	White Non-Hispanic	144	121	84.0%	130	90.3%
	Unknown	18	16	88.9%	16	88.9%
	Totals and Averages	402	304	75.6%	352	87.6%
2013/2014	Asian	20	15	75.0%	19	95.0%
	Black - Non-Hispanic	15	4	26.7%	8	53.3%
	Filipino	13	10	76.9%	10	76.9%
	Hispanic	103	59	57.3%	77	74.8%
	Multi Races	69	42	60.9%	54	78.3%
	Pacific Islander	6	4	66.7%	6	100.0%
	White Non-Hispanic	134	97	72.4%	114	85.1%
	Unknown	13	5	38.5%	9	69.2%
	Totals and Averages	373	236	63.3%	297	79.6%
2014/2015	American Indian/Alaskan Native	1	1	100.0%	1	100.0%
	Asian	33	27	81.8%	29	87.9%
	Black - Non-Hispanic	20	14	70.0%	17	85.0%
	Filipino	14	12	85.7%	13	92.9%
	Hispanic	134	74	55.2%	103	76.9%

Course Success and Retention by Ethnicity

		Headcount	Success Count	Success Rate	Retention Count	Retention Rate
	Multi Races	91	60	65.9%	71	78.0%
	Pacific Islander	10	3	30.0%	6	60.0%
	White Non-Hispanic	127	91	71.7%	102	80.3%
	Unknown	22	12	54.5%	16	72.7%
	Totals and Averages	452	294	65.0%	358	79.2%
2015/2016	American Indian/Alaskan Native	1	1	100.0%	1	100.0%
	Asian	32	21	65.6%	28	87.5%
	Black - Non-Hispanic	13	8	61.5%	8	61.5%
	Filipino	19	7	36.8%	10	52.6%
	Hispanic	137	78	56.9%	110	80.3%
	Multi Races	73	56	76.7%	63	86.3%
	Pacific Islander	11	8	72.7%	9	81.8%
	White Non-Hispanic	156	108	69.2%	127	81.4%
	Unknown	18	10	55.6%	15	83.3%
	Totals and Averages	460	297	64.6%	371	80.7%

Course Success and Retention by Gender

		Headcount	Success Count	Success Rate	Retention Count	Retention Rate
2011/2012	Female	240	192	80.0%	215	89.6%
	Male	217	163	75.1%	193	88.9%
	Unreported	4	2	50.0%	3	75.0%
	Totals & Averages	461	357	77.4%	411	89.2%
2012/2013	Female	189	139	73.5%	163	86.2%
	Male	206	158	76.7%	182	88.3%
	Unreported	6	6	100.0%	6	100.0%
	Totals & Averages	401	303	75.6%	351	87.5%
2013/2014	Female	191	124	64.9%	149	78.0%
	Male	178	111	62.4%	145	81.5%

Course Success and Retention by Gender

		Headcount	Success Count	Success Rate	Retention Count	Retention Rate
	Unreported	4	1	25.0%	3	75.0%
	Totals & Averages	373	236	63.3%	297	79.6%
2014/2015	Female	228	147	64.5%	171	75.0%
	Male	204	133	65.2%	172	84.3%
	Unreported	20	14	70.0%	15	75.0%
	Totals & Averages	452	294	65.0%	358	79.2%
2015/2016	Female	283	186	65.7%	234	82.7%
	Male	167	108	64.7%	131	78.4%
	Unreported	10	3	30.0%	6	60.0%
	Totals & Averages	460	297	64.6%	371	80.7%

Course Success and Retention by Age

		Headcount	Success Count	Success Rate	Retention Count	Retention Rate
2011/2012	Under 18	53	46	86.8%	50	94.3%
	Age 18-22	288	216	75.0%	253	87.8%
	Age 23-28	74	55	74.3%	67	90.5%
	Age 29-39	26	23	88.5%	24	92.3%
	Age 40-49	15	10	66.7%	11	73.3%
	Age 50-59	6	6	100.0%	6	100.0%
	Age 60+	1	1	100.0%	1	100.0%
	Totals & Averages	463	357	77.1%	412	89.0%
2012/2013	Under 18	17	14	82.4%	15	88.2%
	Age 18-22	274	208	75.9%	243	88.7%
	Age 23-28	59	39	66.1%	49	83.1%
	Age 29-39	39	32	82.1%	34	87.2%
	Age 40-49	6	4	66.7%	4	66.7%
	Age 50-59	7	7	100.0%	7	100.0%
	Totals & Averages	402	304	75.6%	352	87.6%
2013/2014	Under 18	19	13	68.4%	17	89.5%
	Age 18-22	212	126	59.4%	170	80.2%
	Age 23-28	84	56	66.7%	63	75.0%
	Age 29-39	45	31	68.9%	37	82.2%

Course Success and Retention by Age

		Headcount	Success Count	Success Rate	Retention Count	Retention Rate
	Age 40-49	7	5	71.4%	5	71.4%
	Age 50-59	6	5	83.3%	5	83.3%
	Totals & Averages	373	236	63.3%	297	79.6%
2014/2015	Under 18	31	18	58.1%	21	67.7%
	Age 18-22	241	154	63.9%	191	79.3%
	Age 23-28	95	63	66.3%	80	84.2%
	Age 29-39	55	39	70.9%	44	80.0%
	Age 40-49	20	13	65.0%	15	75.0%
	Age 50-59	10	7	70.0%	7	70.0%
	Totals & Averages	452	294	65.0%	358	79.2%
2015/2016	Under 18	35	31	88.6%	34	97.1%
	Age 18-22	249	162	65.1%	204	81.9%
	Age 23-28	101	56	55.4%	77	76.2%
	Age 29-39	48	33	68.8%	36	75.0%
	Age 40-49	17	8	47.1%	12	70.6%
	Age 50-59	9	6	66.7%	7	77.8%
	Age 60+	1	1	100.0%	1	100.0%
	Totals & Averages	460	297	64.6%	371	80.7%

Course Success and Retention by Enrollment Status

		Headcount	Success Count	Success Rate	Retention Count	Retention Rate
2011/2012	Continuing Student	310	229	73.9%	270	87.1%
	Currently K-12	53	47	88.7%	51	96.2%
	First-Time Student	19	15	78.9%	19	100.0%
	First-Time Transfer Student	21	17	81.0%	17	81.0%
	Returning Student	33	27	81.8%	31	93.9%
	Returning Transfer Student	27	22	81.5%	24	88.9%
	Totals & Averages	463	357	77.1%	412	89.0%
2012/2013	Continuing Student	289	215	74.4%	254	87.9%
	Currently K-12	23	20	87.0%	21	91.3%

Course Success and Retention by Enrollment Status

		Headcount	Success Count	Success Rate	Retention Count	Retention Rate
	First-Time Student	22	16	72.7%	16	72.7%
	First-Time Transfer Student	28	23	82.1%	27	96.4%
	Returning Student	22	15	68.2%	18	81.8%
	Returning Transfer Student	18	15	83.3%	16	88.9%
	Totals & Averages	402	304	75.6%	352	87.6%
2013/2014	Continuing Student	266	157	59.0%	200	75.2%
	Currently K-12	22	16	72.7%	20	90.9%
	First-Time Student	14	11	78.6%	13	92.9%
	First-Time Transfer Student	25	17	68.0%	22	88.0%
	Returning Student	28	22	78.6%	27	96.4%
	Returning Transfer Student	18	13	72.2%	15	83.3%
	Totals & Averages	373	236	63.3%	297	79.6%
2014/2015	Continuing Student	297	187	63.0%	231	77.8%
	Currently K-12	36	22	61.1%	26	72.2%
	First-Time Student	23	18	78.3%	21	91.3%
	First-Time Transfer Student	37	27	73.0%	32	86.5%
	Returning Student	34	21	61.8%	27	79.4%
	Returning Transfer Student	25	19	76.0%	21	84.0%
	Totals & Averages	452	294	65.0%	358	79.2%
2015/2016	Continuing Student	330	208	63.0%	258	78.2%
	Currently K-12	41	35	85.4%	40	97.6%
	First-Time Student	10	6	60.0%	7	70.0%
	First-Time Transfer Student	33	24	72.7%	29	87.9%
	Returning Student	20	10	50.0%	15	75.0%
	Returning Transfer Student	26	14	53.8%	22	84.6%
	Totals & Averages	460	297	64.6%	371	80.7%

Course Success and Retention by DE vs Non DE

		Headcount	Success Count	Success Rate	Retention Count	Retention Rate
2011/2012	Not Online	463	357	77.1%	412	89.0%
	Totals & Averages	463	357	77.1%	412	89.0%
2012/2013	Hybrid	114	68	59.6%	91	79.8%
	Not Online	288	236	81.9%	261	90.6%

Course Success and Retention by DE vs Non DE

		Headcount	Success Count	Success Rate	Retention Count	Retention Rate
	Totals & Averages	402	304	75.6%	352	87.6%
2013/2014	Hybrid	34	23	67.6%	29	85.3%
	Not Online	182	111	61.0%	140	76.9%
	Online	119	74	62.2%	94	79.0%
	Web Assisted	38	28	73.7%	34	89.5%
	Totals & Averages	373	236	63.3%	297	79.6%
2014/2015	Not Online	230	158	68.7%	190	82.6%
	Online	222	136	61.3%	168	75.7%
	Totals & Averages	452	294	65.0%	358	79.2%
2015/2016	Not Online	223	155	69.5%	193	86.5%
	Online	237	142	59.9%	178	75.1%
	Totals & Averages	460	297	64.6%	371	80.7%

Course Success and Retention by CTE vs Non CTE

		Headcount	Success Count	Success Rate	Retention Count	Retention Rate
2011/2012	Not CTE	463	357	77.1%	412	89.0%
	Totals & Averages	463	357	77.1%	412	89.0%
2012/2013	Not CTE	402	304	75.6%	352	87.6%
	Totals & Averages	402	304	75.6%	352	87.6%
2013/2014	Not CTE	373	236	63.3%	297	79.6%
	Totals & Averages	373	236	63.3%	297	79.6%
2014/2015	Not CTE	452	294	65.0%	358	79.2%
	Totals & Averages	452	294	65.0%	358	79.2%
2015/2016	Not CTE	460	297	64.6%	371	80.7%
	Totals & Averages	460	297	64.6%	371	80.7%

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	463	357	77.1%	412	89.0%
	Totals & Averages	463	357	77.1%	412	89.0%
2012/2013	Non Basic Skills	402	304	75.6%	352	87.6%
	Totals & Averages	402	304	75.6%	352	87.6%
2013/2014	Non Basic Skills	373	236	63.3%	297	79.6%
	Totals & Averages	373	236	63.3%	297	79.6%
2014/2015	Non Basic Skills	452	294	65.0%	358	79.2%
	Totals & Averages	452	294	65.0%	358	79.2%
2015/2016	Non Basic Skills	460	297	64.6%	371	80.7%
	Totals & Averages	460	297	64.6%	371	80.7%

Course Success and Retention by Prior to College Level

		Headcount	Success Count	Success Rate	Retention Count	Retention Rate
2011/2012	Not applicable	463	357	77.1%	412	89.0%
2012/2013	Not applicable	402	304	75.6%	352	87.6%
2013/2014	Not applicable	373	236	63.3%	297	79.6%
2014/2015	Not applicable	452	294	65.0%	358	79.2%
2015/2016	Not applicable	460	297	64.6%	371	80.7%

Course Success and Retention by Transfer vs Non Transfer

		Headcount	Success Count	Success Rate	Retention Count	Retention Rate
2011/2012	Transferable	463	357	77.1%	412	89.0%
	Totals & Averages	463	357	77.1%	412	89.0%
2012/2013	Transferable	402	304	75.6%	352	87.6%
	Totals & Averages	402	304	75.6%	352	87.6%
2013/2014	Transferable	373	236	63.3%	297	79.6%
	Totals & Averages	373	236	63.3%	297	79.6%
2014/2015	Transferable	452	294	65.0%	358	79.2%
	Totals & Averages	452	294	65.0%	358	79.2%
2015/2016	Transferable	460	297	64.6%	371	80.7%
	Totals & Averages	460	297	64.6%	371	80.7%

Grade Distribution

	<u>A</u>	<u>B</u>	<u>C</u>	<u>D</u>	<u>F</u>	<u>Other</u>	<u>W</u>
Fall 2011	65	45	18	9	10		23
Fall 2012	58	47	25	12	10	1	21
Fall 2013	24	27	19	7	10	1	15
Fall 2014	41	43	24	6	15	2	36
Fall 2015	33	46	25	9	9		18
Spring 2012	76	52	32	9	19	3	24
Spring 2013	53	47	29	6	20	2	28
Spring 2014	30	35	19	7	22		44
Spring 2015	40	28	30	2	15		30
Spring 2016	39	39	36	8	26	3	37
Summer 2011	52	9	5		8		4
Summer 2012	21	16	5				1
Summer 2013	43	28	9	3	11	2	17
Summer 2014	42	28	17	7	18		28
Summer 2015	32	30	16	6	13	1	34

Course Success and Retention by Courses

				Headcount	Success	Success Rate	Retention	Retention Rate
Fall 2011	ASTR	100	Introduction To Astronomy	108	76	70.4%	89	82.4%
		101	Astronomy Laboratory	62	52	83.9%	58	93.5%
Fall 2012	ASTR	100	Introduction To Astronomy	118	86	72.9%	104	88.1%
		101	Astronomy Laboratory	56	45	80.4%	49	87.5%
Fall 2013	ASTR	100	Intro To Astronomy-Honors	1	1	100.0%	1	100.0%
			Introduction To Astronomy	68	47	69.1%	58	85.3%
		101	Astronomy Laboratory	34	23	67.6%	29	85.3%
Fall 2014	ASTR	100	Intro To Astronomy-HONORS	1	1	100.0%	1	100.0%
			Introduction To Astronomy	104	66	63.5%	78	75.0%
		101	Astronomy Laboratory	62	42	67.7%	52	83.9%
Fall 2015	ASTR	100	Intro To Astronomy-Honors	4	3	75.0%	3	75.0%
			Introduction To Astronomy	82	57	69.5%	68	82.9%
		101	Astronomy Laboratory	54	44	81.5%	51	94.4%
Spring 2012	ASTR	100	Introduction To Astronomy	152	110	72.4%	132	86.8%
		101	Astronomy Laboratory	63	53	84.1%	59	93.7%
Spring 2013	ASTR	100	Introduction To Astronomy	117	72	61.5%	92	78.6%
		101	Astronomy Laboratory	68	59	86.8%	65	95.6%
Spring 2014	ASTR	100	Introduction To Astronomy	95	49	51.6%	66	69.5%
		101	Astronomy Laboratory	62	35	56.5%	47	75.8%
Spring 2015	ASTR	100	Intro To Astronomy-Honors	1			1	100.0%
			Introduction To Astronomy	102	68	66.7%	82	80.4%
		101	Astronomy Laboratory	42	30	71.4%	32	76.2%
Spring 2016	ASTR	100	Intro To Astronomy-Honors	2	1	50.0%	2	100.0%
			Introduction To Astronomy	110	62	56.4%	89	80.9%
		101	Astronomy Laboratory	76	51	67.1%	60	78.9%
Summer 2011	ASTR	100	Introduction To Astronomy	50	40	80.0%	47	94.0%
		101	Astronomy Laboratory	28	26	92.9%	27	96.4%
Summer 2012	ASTR	100	Introduction To Astronomy	27	26	96.3%	26	96.3%
		101	Astronomy Laboratory	16	16	100.0%	16	100.0%
Summer 2013	ASTR	100	Introduction To Astronomy	86	55	64.0%	69	80.2%
		101	Astronomy Laboratory	27	26	96.3%	27	100.0%
Summer 2014	ASTR	100	Introduction To Astronomy	86	54	62.8%	68	79.1%

Course Success and Retention by Courses

			Headcount	Success	Success Rate	Retention	Retention Rate	
	101	Astronomy Laboratory	54	33	61.1%	44	81.5%	
Summer 2015	ASTR	100	Introduction To Astronomy	77	50	64.9%	61	79.2%
			IntroTo Astronomy - HONORS	1	1	100.0%	1	100.0%
	101	Astronomy Laboratory	54	28	51.9%	36	66.7%	