



## Success and Retention 2012/13 through 2016/17 Astronomy (ASTR)

### Course Success and Retention Annually

	Enrollments	Success Count	Success Rate		Retention Count	Retention Rate	Retention Rate		Retention Rate Diff
			Success Rate	Goal			Goal	Diff	
2012/2013	402	304	<b>75.6%</b>	70%	352	<b>87.6%</b>	84%	<b>3.6%</b>	
2013/2014	373	236	<b>63.3%</b>	70%	297	<b>79.6%</b>	84%	<b>-4.4%</b>	
2014/2015	452	294	<b>65.0%</b>	70%	358	<b>79.2%</b>	84%	<b>-4.8%</b>	
2015/2016	460	298	<b>64.8%</b>	70%	371	<b>80.7%</b>	84%	<b>-3.3%</b>	
2016/2017	487	311	<b>63.9%</b>	70%	399	<b>81.9%</b>	84%	<b>-2.1%</b>	

### Course Success and Retention by Semester

	Headcount	Success Count	Success Rate	Retention Count	Retention Rate
Fall 2012	174	131	<b>75.3%</b>	153	<b>87.9%</b>
Fall 2013	103	71	<b>68.9%</b>	88	<b>85.4%</b>
Fall 2014	167	109	<b>65.3%</b>	131	<b>78.4%</b>
Fall 2015	140	104	<b>74.3%</b>	122	<b>87.1%</b>
Fall 2016	164	117	<b>71.3%</b>	140	<b>85.4%</b>
Spring 2013	185	131	<b>70.8%</b>	157	<b>84.9%</b>
Spring 2014	157	84	<b>53.5%</b>	113	<b>72.0%</b>
Spring 2015	145	98	<b>67.6%</b>	115	<b>79.3%</b>
Spring 2016	188	115	<b>61.2%</b>	151	<b>80.3%</b>
Spring 2017	170	97	<b>57.1%</b>	145	<b>85.3%</b>
Summer 2012	43	42	<b>97.7%</b>	42	<b>97.7%</b>
Summer 2013	113	81	<b>71.7%</b>	96	<b>85.0%</b>
Summer 2014	140	87	<b>62.1%</b>	112	<b>80.0%</b>
Summer 2015	132	79	<b>59.8%</b>	98	<b>74.2%</b>
Summer 2016	153	97	<b>63.4%</b>	114	<b>74.5%</b>

**Course Success and Retention by Ethnicity**

		Success		Retention		
	Headcount	Count	Success Rate	Count	Retention Rate	
2012/2013	Asian	11	10	90.9%	10	90.9%
	Black - Non-Hispanic	14	10	71.4%	11	78.6%
	Filipino	6	6	100.0%	6	100.0%
	Hispanic	128	84	65.6%	107	83.6%
	Multi Races	76	52	68.4%	67	88.2%
	Pacific Islander	11	11	100.0%	11	100.0%
	White Non-Hispanic	144	121	84.0%	130	90.3%
	Unknown	12	10	83.3%	10	83.3%
	<b>Totals and Averages</b>	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	106	59	55.7%	80	75.5%
	Multi Races	67	43	64.2%	52	77.6%
	Pacific Islander	7	5	71.4%	7	100.0%
	White Non-Hispanic	133	96	72.2%	113	85.0%
	Unknown	12	4	33.3%	8	66.7%
	<b>Totals and Averages</b>	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	136	74	54.4%	104	76.5%
	Multi Races	90	60	66.7%	70	77.8%
	Pacific Islander	10	3	30.0%	6	60.0%
	White Non-Hispanic	127	91	71.7%	102	80.3%
	Unknown	21	12	57.1%	16	76.2%
	<b>Totals and Averages</b>	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	8	42.1%	10	52.6%
	Hispanic	137	78	56.9%	110	80.3%
	Multi Races	73	56	76.7%	63	86.3%

**Course Success and Retention by Ethnicity**

		Success		Retention		
		Headcount	Count	Success Rate	Count	Retention Rate
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%
<b>Totals and Averages</b>		460	298	64.8%	371	80.7%
2016/2017	Asian	36	30	83.3%	34	94.4%
	Black - Non-Hispanic	30	22	73.3%	24	80.0%
	Filipino	26	13	50.0%	19	73.1%
	Hispanic	152	100	65.8%	130	85.5%
	Multi Races	100	60	60.0%	82	82.0%
	Pacific Islander	5	4	80.0%	4	80.0%
	White Non-Hispanic	127	74	58.3%	97	76.4%
	Unknown	11	8	72.7%	9	81.8%
	<b>Totals and Averages</b>	487	311	63.9%	399	81.9%

**Course Success and Retention by Gender**

		Headcount	Success Count	Success Rate	Retention Count	Retention Rate
2012/2013	Female	187	137	73.3%	161	86.1%
	Male	209	161	77.0%	185	88.5%
	Unreported	6	6	100.0%	6	100.0%
	<b>Totals &amp; Averages</b>	402	304	75.6%	352	87.6%
2013/2014	Female	191	124	64.9%	149	78.0%
	Male	177	111	62.7%	144	81.4%
	Unreported	5	1	20.0%	4	80.0%
	<b>Totals &amp; Averages</b>	373	236	63.3%	297	79.6%
2014/2015	Female	228	147	64.5%	171	75.0%
	Male	205	134	65.4%	173	84.4%
	Unreported	19	13	68.4%	14	73.7%
	<b>Totals &amp; Averages</b>	452	294	65.0%	358	79.2%
2015/2016	Female	283	187	66.1%	234	82.7%
	Male	167	108	64.7%	131	78.4%
	Unreported	10	3	30.0%	6	60.0%
	<b>Totals &amp; Averages</b>	460	298	64.8%	371	80.7%
2016/2017	Female	246	160	65.0%	202	82.1%
	Male	222	140	63.1%	183	82.4%
	Unreported	19	11	57.9%	14	73.7%
	<b>Totals &amp; Averages</b>	487	311	63.9%	399	81.9%

**Course Success and Retention by Age**

		Headcount	Success Count	Success Rate	Retention Count	Retention Rate
2012/2013	Under 18	16	13	81.3%	14	87.5%
	Age 18-22	274	208	75.9%	243	88.7%
	Age 23-28	60	40	66.7%	50	83.3%
	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%
	<b>Totals &amp; Averages</b>	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%
	Age 40-49	7	5	71.4%	5	71.4%
	Age 50-59	6	5	83.3%	5	83.3%
	<b>Totals &amp; Averages</b>	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%
	<b>Totals &amp; Averages</b>	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	57	56.4%	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%
<b>Totals &amp; Averages</b>	460	298	64.8%	371	80.7%	
2016/2017	Under 18	25	21	84.0%	24	96.0%
	Age 18-22	279	170	60.9%	233	83.5%
	Age 23-28	85	58	68.2%	71	83.5%
	Age 29-39	53	35	66.0%	41	77.4%

### Course Success and Retention by Age

	Headcount	Success Count	Success Rate	Retention Count	Retention Rate
Age 40-49	38	21	55.3%	24	63.2%
Age 50-59	6	5	83.3%	5	83.3%
Age 60+	1	1	100.0%	1	100.0%
<b>Totals &amp; Averages</b>	487	311	63.9%	399	81.9%

### Course Success and Retention by Enrollment Status

		Headcount	Success Count	Success Rate	Retention Count	Retention Rate	
2012/2013	Continuing Student	289	215	74.4%	254	87.9%	
	Currently K-12	13	11	84.6%	12	92.3%	
		Middle College	10	9	90.0%	9	90.0%
	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%	
	<b>Totals &amp; Averages</b>		402	304	75.6%	352	87.6%
2013/2014	Continuing Student	266	157	59.0%	200	75.2%	
	Currently K-12	12	9	75.0%	10	83.3%	
		Middle College	10	7	70.0%	10	100.0%
	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%	
	<b>Totals &amp; Averages</b>		373	236	63.3%	297	79.6%
2014/2015	Continuing Student	297	187	63.0%	231	77.8%	
	Currently K-12	22	11	50.0%	15	68.2%	
		Middle College	14	11	78.6%	11	78.6%
	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%	

**Course Success and Retention by Enrollment Status**

		Headcount	Success Count	Success Rate	Retention Count	Retention Rate
<b>Totals &amp; Averages</b>		452	294	65.0%	358	79.2%
2015/2016	Continuing Student	330	209	63.3%	258	78.2%
	Currently K-12	13	9	69.2%	12	92.3%
	Middle College	28	26	92.9%	28	100.0%
	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%
	<b>Totals &amp; Averages</b>	460	298	64.8%	371	80.7%
2016/2017	Continuing Student	390	239	61.3%	313	80.3%
	Currently K-12	6	3	50.0%	5	83.3%
	Middle College	16	14	87.5%	16	100.0%
	First-Time Student	9	8	88.9%	9	100.0%
	First-Time Transfer Student	30	19	63.3%	26	86.7%
	Returning Student	15	11	73.3%	11	73.3%
	Returning Transfer Student	21	17	81.0%	19	90.5%
	<b>Totals &amp; Averages</b>	487	311	63.9%	399	81.9%

**Course Success and Retention by DE vs Non DE**

		Headcount	Success Count	Success Rate	Retention Count	Retention Rate
2012/2013	Hybrid	114	68	59.6%	91	79.8%
	Not Online	288	236	81.9%	261	90.6%
	<b>Totals &amp; Averages</b>	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%
	<b>Totals &amp; Averages</b>	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%

**Course Success and Retention by DE vs Non DE**

		Headcount	Success Count	Success Rate	Retention Count	Retention Rate
2015/2016	<b>Totals &amp; Averages</b>	452	294	65.0%	358	79.2%
	Not Online	223	155	69.5%	193	86.5%
	Online	237	143	60.3%	178	75.1%
2016/2017	<b>Totals &amp; Averages</b>	460	298	64.8%	371	80.7%
	Not Online	219	152	69.4%	199	90.9%
	Online	245	141	57.6%	179	73.1%
	Web Assisted	23	18	78.3%	21	91.3%
	<b>Totals &amp; Averages</b>	487	311	63.9%	399	81.9%

**Course Success and Retention by CTE vs Non CTE**

		Headcount	Success Count	Success Rate	Retention Count	Retention Rate
2012/2013	Not CTE	402	304	75.6%	352	87.6%
	<b>Totals &amp; Averages</b>	402	304	75.6%	352	87.6%
2013/2014	Not CTE	373	236	63.3%	297	79.6%
	<b>Totals &amp; Averages</b>	373	236	63.3%	297	79.6%
2014/2015	Not CTE	452	294	65.0%	358	79.2%
	<b>Totals &amp; Averages</b>	452	294	65.0%	358	79.2%
2015/2016	Not CTE	460	298	64.8%	371	80.7%
	<b>Totals &amp; Averages</b>	460	298	64.8%	371	80.7%
2016/2017	Not CTE	487	311	63.9%	399	81.9%
	<b>Totals &amp; Averages</b>	487	311	63.9%	399	81.9%



**Course Success and Retention by Basic Skills vs Non Basic Skills**

		<b>Headcount</b>	<b>Success Count</b>	<b>Success Rate</b>	<b>Retention Count</b>	<b>Retention Rate</b>
2012/2013	Non Basic Skills	402	304	75.6%	352	87.6%
	<b>Totals &amp; Averages</b>	<b>402</b>	<b>304</b>	<b>75.6%</b>	<b>352</b>	<b>87.6%</b>
2013/2014	Non Basic Skills	373	236	63.3%	297	79.6%
	<b>Totals &amp; Averages</b>	<b>373</b>	<b>236</b>	<b>63.3%</b>	<b>297</b>	<b>79.6%</b>
2014/2015	Non Basic Skills	452	294	65.0%	358	79.2%
	<b>Totals &amp; Averages</b>	<b>452</b>	<b>294</b>	<b>65.0%</b>	<b>358</b>	<b>79.2%</b>
2015/2016	Non Basic Skills	460	298	64.8%	371	80.7%
	<b>Totals &amp; Averages</b>	<b>460</b>	<b>298</b>	<b>64.8%</b>	<b>371</b>	<b>80.7%</b>
2016/2017	Non Basic Skills	487	311	63.9%	399	81.9%
	<b>Totals &amp; Averages</b>	<b>487</b>	<b>311</b>	<b>63.9%</b>	<b>399</b>	<b>81.9%</b>

**Course Success and Retention by Prior to College Level**

		<b>Headcount</b>	<b>Success Count</b>	<b>Success Rate</b>	<b>Retention Count</b>	<b>Retention Rate</b>
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	298	64.8%	371	80.7%
2016/2017	Not applicable	487	311	63.9%	399	81.9%

**Course Success and Retention by Transfer vs Non Transfer**

		<b>Headcount</b>	<b>Success Count</b>	<b>Success Rate</b>	<b>Retention Count</b>	<b>Retention Rate</b>
2012/2013	Transferable	402	304	<b>75.6%</b>	352	<b>87.6%</b>
	<b>Totals &amp; Averages</b>	402	304	<b>75.6%</b>	352	<b>87.6%</b>
2013/2014	Transferable	373	236	<b>63.3%</b>	297	<b>79.6%</b>
	<b>Totals &amp; Averages</b>	373	236	<b>63.3%</b>	297	<b>79.6%</b>
2014/2015	Transferable	452	294	<b>65.0%</b>	358	<b>79.2%</b>
	<b>Totals &amp; Averages</b>	452	294	<b>65.0%</b>	358	<b>79.2%</b>
2015/2016	Transferable	460	298	<b>64.8%</b>	371	<b>80.7%</b>
	<b>Totals &amp; Averages</b>	460	298	<b>64.8%</b>	371	<b>80.7%</b>
2016/2017	Transferable	487	311	<b>63.9%</b>	399	<b>81.9%</b>
	<b>Totals &amp; Averages</b>	487	311	<b>63.9%</b>	399	<b>81.9%</b>

**Grade Distribution**

	<b><u>A</u></b>	<b><u>B</u></b>	<b><u>C</u></b>	<b>D</b>	<b><u>F</u></b>	<b><u>Other</u></b>	<b><u>W</u></b>
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
Fall 2016	46	45	26	10	11	2	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	37	9	26	1	37
Spring 2017	41	34	22	15	33		25
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
Summer 2016	53	25	18	6	10	2	39

**Course Success and Retention by Courses**

				<b>Headcount</b>	<b>Success</b>	<b>Success Rate</b>	<b>Retention</b>	<b>Retention Rate</b>
Fall 2012	ASTR	100	Introduction To Astronomy	118	86	<b>72.9%</b>	104	<b>88.1%</b>
		101	Astronomy Laboratory	56	45	<b>80.4%</b>	49	<b>87.5%</b>
Fall 2013	ASTR	100	Intro To Astronomy-Honors	1	1	<b>100.0%</b>	1	<b>100.0%</b>
			Introduction To Astronomy	68	47	<b>69.1%</b>	58	<b>85.3%</b>
		101	Astronomy Laboratory	34	23	<b>67.6%</b>	29	<b>85.3%</b>
Fall 2014	ASTR	100	Intro To Astronomy-HONORS	1	1	<b>100.0%</b>	1	<b>100.0%</b>
			Introduction To Astronomy	104	66	<b>63.5%</b>	78	<b>75.0%</b>
		101	Astronomy Laboratory	62	42	<b>67.7%</b>	52	<b>83.9%</b>
Fall 2015	ASTR	100	Intro To Astronomy-Honors	4	3	<b>75.0%</b>	3	<b>75.0%</b>
			Introduction To Astronomy	82	57	<b>69.5%</b>	68	<b>82.9%</b>
		101	Astronomy Laboratory	54	44	<b>81.5%</b>	51	<b>94.4%</b>
Fall 2016	ASTR	100	Intro To Astronomy-Honors	2	1	<b>50.0%</b>	1	<b>50.0%</b>
			Introduction To Astronomy	82	57	<b>69.5%</b>	71	<b>86.6%</b>
		101	Astronomy Laboratory	80	59	<b>73.8%</b>	68	<b>85.0%</b>
Spring 2013	ASTR	100	Intro To Astronomy-Honors	1	1	<b>100.0%</b>	1	<b>100.0%</b>
			Introduction To Astronomy	116	71	<b>61.2%</b>	91	<b>78.4%</b>
		101	Astronomy Laboratory	68	59	<b>86.8%</b>	65	<b>95.6%</b>
Spring 2014	ASTR	100	Introduction To Astronomy	95	49	<b>51.6%</b>	66	<b>69.5%</b>
		101	Astronomy Laboratory	62	35	<b>56.5%</b>	47	<b>75.8%</b>
Spring 2015	ASTR	100	Intro To Astronomy-Honors	1			1	<b>100.0%</b>
			Introduction To Astronomy	102	68	<b>66.7%</b>	82	<b>80.4%</b>
		101	Astronomy Laboratory	42	30	<b>71.4%</b>	32	<b>76.2%</b>
Spring 2016	ASTR	100	Intro To Astronomy-Honors	2	1	<b>50.0%</b>	2	<b>100.0%</b>
			Introduction To Astronomy	110	62	<b>56.4%</b>	89	<b>80.9%</b>
		101	Astronomy Laboratory	76	52	<b>68.4%</b>	60	<b>78.9%</b>
Spring 2017	ASTR	100	Intro To Astronomy-Honors	3	2	<b>66.7%</b>	2	<b>66.7%</b>
			Introduction To Astronomy	99	57	<b>57.6%</b>	85	<b>85.9%</b>
		101	Astronomy Laboratory	68	38	<b>55.9%</b>	58	<b>85.3%</b>
Summer 2012	ASTR	100	Introduction To Astronomy	27	26	<b>96.3%</b>	26	<b>96.3%</b>
		101	Astronomy Laboratory	16	16	<b>100.0%</b>	16	<b>100.0%</b>
Summer 2013	ASTR	100	Introduction To Astronomy	86	55	<b>64.0%</b>	69	<b>80.2%</b>
		101	Astronomy Laboratory	27	26	<b>96.3%</b>	27	<b>100.0%</b>

**Course Success and Retention by Courses**

				<b>Headcount</b>	<b>Success</b>	<b>Success Rate</b>	<b>Retention</b>	<b>Retention Rate</b>
Summer 2014	ASTR	100	Introduction To Astronomy	86	54	<b>62.8%</b>	68	<b>79.1%</b>
		101	Astronomy Laboratory	54	33	<b>61.1%</b>	44	<b>81.5%</b>
Summer 2015	ASTR	100	Introduction To Astronomy	77	50	<b>64.9%</b>	61	<b>79.2%</b>
			IntroTo Astronomy - HONORS	1	1	<b>100.0%</b>	1	<b>100.0%</b>
		101	Astronomy Laboratory	54	28	<b>51.9%</b>	36	<b>66.7%</b>
Summer 2016	ASTR	100	Introduction To Astronomy	80	53	<b>66.3%</b>	62	<b>77.5%</b>
		101	Astronomy Laboratory	73	44	<b>60.3%</b>	52	<b>71.2%</b>