



## Success and Retention 2012/13 through 2016/17 Physics (PHYS)

### Course Success and Retention Annually

	Enrollments	Success Count	Success Rate		Success Rate		Retention Count	Retention Rate		Retention Rate Diff
			Success Rate	Goal	Success Rate	Diff		Retention Rate	Goal	
2012/2013	337	220	65.3%	70%	-4.7%	249	73.9%	84%	-10.1%	
2013/2014	335	237	70.7%	70%	0.7%	262	78.2%	84%	-5.8%	
2014/2015	333	248	74.5%	70%	4.5%	276	82.9%	84%	-1.1%	
2015/2016	370	233	63.0%	70%	-7.0%	281	75.9%	84%	-8.1%	
2016/2017	358	257	71.8%	70%	1.8%	293	81.8%	84%	-2.2%	

### Course Success and Retention by Semester

	Headcount	Success Count	Success Rate	Retention Count	Retention Rate
Fall 2012	170	100	58.8%	110	64.7%
Fall 2013	165	106	64.2%	123	74.5%
Fall 2014	150	102	68.0%	119	79.3%
Fall 2015	166	97	58.4%	120	72.3%
Fall 2016	154	110	71.4%	118	76.6%
Spring 2013	135	97	71.9%	109	80.7%
Spring 2014	149	112	75.2%	120	80.5%
Spring 2015	165	130	78.8%	140	84.8%
Spring 2016	186	123	66.1%	146	78.5%
Spring 2017	186	131	70.4%	158	84.9%
Summer 2012	32	23	71.9%	30	93.8%
Summer 2013	21	19	90.5%	19	90.5%
Summer 2014	18	16	88.9%	17	94.4%
Summer 2015	18	13	72.2%	15	83.3%
Summer 2016	18	16	88.9%	17	94.4%

**Course Success and Retention by Ethnicity**

		Headcount	Success Count	Success Rate	Retention Count	Retention Rate
2012/2013	Asian	75	59	78.7%	63	84.0%
	Black - Non-Hispanic	7	4	57.1%	5	71.4%
	Filipino	19	9	47.4%	10	52.6%
	Hispanic	70	34	48.6%	44	62.9%
	Multi Races	50	34	68.0%	36	72.0%
	Pacific Islander	5	3	60.0%	4	80.0%
	White Non-Hispanic	91	67	73.6%	72	79.1%
	Unknown	20	10	50.0%	15	75.0%
	<b>Totals and Averages</b>	337	220	65.3%	249	73.9%
2013/2014	Asian	64	55	85.9%	58	90.6%
	Black - Non-Hispanic	6	3	50.0%	3	50.0%
	Filipino	15	5	33.3%	6	40.0%
	Hispanic	75	45	60.0%	55	73.3%
	Multi Races	62	48	77.4%	52	83.9%
	Pacific Islander	5	3	60.0%	4	80.0%
	White Non-Hispanic	89	65	73.0%	69	77.5%
	Unknown	19	13	68.4%	15	78.9%
	<b>Totals and Averages</b>	335	237	70.7%	262	78.2%
2014/2015	Asian	79	65	82.3%	71	89.9%
	Black - Non-Hispanic	3	2	66.7%	2	66.7%
	Filipino	12	7	58.3%	7	58.3%
	Hispanic	67	40	59.7%	49	73.1%
	Multi Races	51	42	82.4%	46	90.2%
	Pacific Islander	4	3	75.0%	4	100.0%
	White Non-Hispanic	97	73	75.3%	80	82.5%
	Unknown	20	16	80.0%	17	85.0%
	<b>Totals and Averages</b>	333	248	74.5%	276	82.9%
2015/2016	Asian	96	66	68.8%	79	82.3%
	Black - Non-Hispanic	2	1	50.0%	2	100.0%
	Filipino	17	10	58.8%	11	64.7%
	Hispanic	63	32	50.8%	44	69.8%
	Multi Races	49	30	61.2%	36	73.5%
	Pacific Islander	3				
	White Non-Hispanic	123	85	69.1%	99	80.5%

**Course Success and Retention by Ethnicity**

		Success		Retention		
		Headcount	Count	Success Rate	Count	Retention Rate
Unknown		17	9	52.9%	10	58.8%
<b>Totals and Averages</b>		370	233	63.0%	281	75.9%
2016/2017	American Indian/Alaskan Native	1	1	100.0%	1	100.0%
	Asian	125	89	71.2%	104	83.2%
	Filipino	21	18	85.7%	19	90.5%
	Hispanic	65	39	60.0%	48	73.8%
	Multi Races	49	36	73.5%	39	79.6%
	Pacific Islander	1	1	100.0%	1	100.0%
	White Non-Hispanic	87	68	78.2%	74	85.1%
	Unknown	9	5	55.6%	7	77.8%
<b>Totals and Averages</b>		358	257	71.8%	293	81.8%

**Course Success and Retention by Gender**

		Headcount	Success Count	Success Rate	Retention Count	Retention Rate
2012/2013	Female	95	58	61.1%	66	69.5%
	Male	233	156	67.0%	175	75.1%
	Unreported	9	6	66.7%	8	88.9%
	<b>Totals &amp; Averages</b>	337	220	65.3%	249	73.9%
2013/2014	Female	119	81	68.1%	89	74.8%
	Male	215	156	72.6%	172	80.0%
	Unreported	1			1	100.0%
	<b>Totals &amp; Averages</b>	335	237	70.7%	262	78.2%
2014/2015	Female	126	95	75.4%	107	84.9%
	Male	200	147	73.5%	162	81.0%
	Unreported	7	6	85.7%	7	100.0%
	<b>Totals &amp; Averages</b>	333	248	74.5%	276	82.9%
2015/2016	Female	136	100	73.5%	112	82.4%
	Male	229	131	57.2%	166	72.5%
	Unreported	5	2	40.0%	3	60.0%
	<b>Totals &amp; Averages</b>	370	233	63.0%	281	75.9%
2016/2017	Female	108	87	80.6%	94	87.0%
	Male	237	160	67.5%	188	79.3%
	Unreported	13	10	76.9%	11	84.6%
	<b>Totals &amp; Averages</b>	358	257	71.8%	293	81.8%

**Course Success and Retention by Age**

		Headcount	Success Count	Success Rate	Retention Count	Retention Rate
2012/2013	Under 18	23	20	87.0%	20	87.0%
	Age 18-22	175	122	69.7%	132	75.4%
	Age 23-28	84	49	58.3%	66	78.6%
	Age 29-39	38	20	52.6%	21	55.3%
	Age 40-49	13	8	61.5%	9	69.2%
	Age 50-59	3	1	33.3%	1	33.3%
	Age 60+	1				
	<b>Totals &amp; Averages</b>	337	220	65.3%	249	73.9%
2013/2014	Under 18	19	14	73.7%	18	94.7%
	Age 18-22	177	131	74.0%	142	80.2%
	Age 23-28	91	66	72.5%	73	80.2%
	Age 29-39	33	20	60.6%	23	69.7%
	Age 40-49	11	6	54.5%	6	54.5%
	Age 50-59	4				
	<b>Totals &amp; Averages</b>	335	237	70.7%	262	78.2%
2014/2015	Under 18	15	12	80.0%	12	80.0%
	Age 18-22	178	139	78.1%	155	87.1%
	Age 23-28	80	60	75.0%	68	85.0%
	Age 29-39	45	25	55.6%	28	62.2%
	Age 40-49	12	10	83.3%	10	83.3%
	Age 50-59	3	2	66.7%	3	100.0%
	<b>Totals &amp; Averages</b>	333	248	74.5%	276	82.9%
2015/2016	Under 18	18	11	61.1%	12	66.7%
	Age 18-22	199	131	65.8%	161	80.9%
	Age 23-28	95	54	56.8%	63	66.3%
	Age 29-39	46	28	60.9%	36	78.3%
	Age 40-49	7	7	100.0%	7	100.0%
	Age 50-59	3	1	33.3%	1	33.3%
	Age 60+	2	1	50.0%	1	50.0%
	<b>Totals &amp; Averages</b>	370	233	63.0%	281	75.9%
2016/2017	Under 18	23	19	82.6%	19	82.6%
	Age 18-22	218	161	73.9%	185	84.9%
	Age 23-28	76	44	57.9%	53	69.7%

### Course Success and Retention by Age

	Headcount	Success Count	Success Rate	Retention Count	Retention Rate
Age 29-39	39	31	79.5%	34	87.2%
Age 40-49	2	2	100.0%	2	100.0%
<b>Totals &amp; Averages</b>	358	257	71.8%	293	81.8%

### Course Success and Retention by Enrollment Status

		Headcount	Success Count	Success Rate	Retention Count	Retention Rate
2012/2013	Continuing Student	261	164	62.8%	187	71.6%
	Currently K-12	15	13	86.7%	13	86.7%
	Middle College	7	6	85.7%	6	85.7%
	First-Time Student	6	4	66.7%	4	66.7%
	First-Time Transfer Student	22	18	81.8%	19	86.4%
	Returning Student	22	13	59.1%	17	77.3%
	Returning Transfer Student	4	2	50.0%	3	75.0%
	<b>Totals &amp; Averages</b>	337	220	65.3%	249	73.9%
2013/2014	Continuing Student	258	181	70.2%	198	76.7%
	Currently K-12	19	13	68.4%	17	89.5%
	Middle College	7	7	100.0%	7	100.0%
	First-Time Student	6	3	50.0%	5	83.3%
	First-Time Transfer Student	14	11	78.6%	12	85.7%
	Returning Student	20	15	75.0%	16	80.0%
	Returning Transfer Student	11	7	63.6%	7	63.6%
	<b>Totals &amp; Averages</b>	335	237	70.7%	262	78.2%
2014/2015	Continuing Student	269	201	74.7%	224	83.3%
	Currently K-12	6	6	100.0%	6	100.0%
	Middle College	9	7	77.8%	7	77.8%
	First-Time Student	1				
	First-Time Transfer Student	22	15	68.2%	19	86.4%
	Returning Student	13	12	92.3%	12	92.3%
	Returning Transfer Student	13	7	53.8%	8	61.5%

**Course Success and Retention by Enrollment Status**

		Headcount	Success Count	Success Rate	Retention Count	Retention Rate
<b>Totals &amp; Averages</b>		333	248	74.5%	276	82.9%
2015/2016	Continuing Student	302	180	59.6%	224	74.2%
	Currently K-12	12	9	75.0%	9	75.0%
	Middle College	8	4	50.0%	4	50.0%
	First-Time Student	1	1	100.0%	1	100.0%
	First-Time Transfer Student	21	17	81.0%	20	95.2%
	Returning Student	16	12	75.0%	13	81.3%
	Returning Transfer Student	10	10	100.0%	10	100.0%
	<b>Totals &amp; Averages</b>	370	233	63.0%	281	75.9%
2016/2017	Continuing Student	305	214	70.2%	248	81.3%
	Currently K-12	17	14	82.4%	14	82.4%
	Middle College	8	7	87.5%	7	87.5%
	First-Time Transfer Student	11	10	90.9%	11	100.0%
	Returning Student	14	10	71.4%	11	78.6%
	Returning Transfer Student	3	2	66.7%	2	66.7%
	<b>Totals &amp; Averages</b>	358	257	71.8%	293	81.8%

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

		Headcount	Success Count	Success Rate	Retention Count	Retention Rate
2012/2013	Not Online	337	220	65.3%	249	73.9%
	<b>Totals &amp; Averages</b>	337	220	65.3%	249	73.9%
2013/2014	Not Online	335	237	70.7%	262	78.2%
	<b>Totals &amp; Averages</b>	335	237	70.7%	262	78.2%
2014/2015	Not Online	333	248	74.5%	276	82.9%
	<b>Totals &amp; Averages</b>	333	248	74.5%	276	82.9%
2015/2016	Not Online	370	233	63.0%	281	75.9%
	<b>Totals &amp; Averages</b>	370	233	63.0%	281	75.9%
2016/2017	Not Online	358	257	71.8%	293	81.8%
	<b>Totals &amp; Averages</b>	358	257	71.8%	293	81.8%

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

		Headcount	Success Count	Success Rate	Retention Count	Retention Rate
2012/2013	Not CTE	337	220	65.3%	249	73.9%
	<b>Totals &amp; Averages</b>	337	220	65.3%	249	73.9%
2013/2014	Not CTE	335	237	70.7%	262	78.2%
	<b>Totals &amp; Averages</b>	335	237	70.7%	262	78.2%
2014/2015	Not CTE	333	248	74.5%	276	82.9%
	<b>Totals &amp; Averages</b>	333	248	74.5%	276	82.9%
2015/2016	Not CTE	370	233	63.0%	281	75.9%
	<b>Totals &amp; Averages</b>	370	233	63.0%	281	75.9%
2016/2017	Not CTE	358	257	71.8%	293	81.8%
	<b>Totals &amp; Averages</b>	358	257	71.8%	293	81.8%

**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	337	220	65.3%	249	73.9%
	<b>Totals &amp; Averages</b>	<b>337</b>	<b>220</b>	<b>65.3%</b>	<b>249</b>	<b>73.9%</b>
2013/2014	Non Basic Skills	335	237	70.7%	262	78.2%
	<b>Totals &amp; Averages</b>	<b>335</b>	<b>237</b>	<b>70.7%</b>	<b>262</b>	<b>78.2%</b>
2014/2015	Non Basic Skills	333	248	74.5%	276	82.9%
	<b>Totals &amp; Averages</b>	<b>333</b>	<b>248</b>	<b>74.5%</b>	<b>276</b>	<b>82.9%</b>
2015/2016	Non Basic Skills	370	233	63.0%	281	75.9%
	<b>Totals &amp; Averages</b>	<b>370</b>	<b>233</b>	<b>63.0%</b>	<b>281</b>	<b>75.9%</b>
2016/2017	Non Basic Skills	358	257	71.8%	293	81.8%
	<b>Totals &amp; Averages</b>	<b>358</b>	<b>257</b>	<b>71.8%</b>	<b>293</b>	<b>81.8%</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	337	220	65.3%	249	73.9%
2013/2014	Not applicable	335	237	70.7%	262	78.2%
2014/2015	Not applicable	333	248	74.5%	276	82.9%
2015/2016	Not applicable	370	233	63.0%	281	75.9%
2016/2017	Not applicable	358	257	71.8%	293	81.8%

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

		Headcount	Success Count	Success Rate	Retention Count	Retention Rate
2012/2013	Transferable	337	220	65.3%	249	73.9%
	<b>Totals &amp; Averages</b>	337	220	65.3%	249	73.9%
2013/2014	Transferable	335	237	70.7%	262	78.2%
	<b>Totals &amp; Averages</b>	335	237	70.7%	262	78.2%
2014/2015	Transferable	333	248	74.5%	276	82.9%
	<b>Totals &amp; Averages</b>	333	248	74.5%	276	82.9%
2015/2016	Transferable	370	233	63.0%	281	75.9%
	<b>Totals &amp; Averages</b>	370	233	63.0%	281	75.9%
2016/2017	Transferable	358	257	71.8%	293	81.8%
	<b>Totals &amp; Averages</b>	358	257	71.8%	293	81.8%

**Grade Distribution**

	<b><u>A</u></b>	<b><u>B</u></b>	<b><u>C</u></b>	<b><u>D</u></b>	<b><u>F</u></b>	<b><u>W</u></b>
Fall 2012	37	30	33	1	9	60
Fall 2013	46	31	29	6	11	42
Fall 2014	49	35	18	8	9	31
Fall 2015	58	25	14	20	3	46
Fall 2016	70	26	14	5	3	36
Spring 2013	41	40	16	7	5	26
Spring 2014	34	41	37	5	3	29
Spring 2015	80	33	17	7	3	25
Spring 2016	60	46	17	20	3	40
Spring 2017	61	37	33	19	8	28
Summer 2012	5	7	11	6	1	2
Summer 2013	6	11	2			2
Summer 2014	6	7	3		1	1
Summer 2015	4	7	2	2		3
Summer 2016	7	5	4		1	1

**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	PHYS	210	General Physics I	77	34	<b>44.2%</b>	39	<b>50.6%</b>
		211	General Physics I-Calculus Sup	5	5	<b>100.0%</b>	5	<b>100.0%</b>
		250	Physics with Calculus I	46	26	<b>56.5%</b>	29	<b>63.0%</b>
		260	Physics with Calculus II	23	17	<b>73.9%</b>	19	<b>82.6%</b>
		405	Applied Radiographic Physics	19	18	<b>94.7%</b>	18	<b>94.7%</b>
Fall 2013	PHYS	210	General Physics I	62	35	<b>56.5%</b>	42	<b>67.7%</b>
		211	General Physics I-Calculus Sup	3	3	<b>100.0%</b>	3	<b>100.0%</b>
		250	Physics with Calculus I	57	38	<b>66.7%</b>	46	<b>80.7%</b>
		260	Physics with Calculus II	22	12	<b>54.5%</b>	14	<b>63.6%</b>
		405	Applied Radiographic Physics	21	18	<b>85.7%</b>	18	<b>85.7%</b>
Fall 2014	PHYS	210	General Physics I	45	27	<b>60.0%</b>	33	<b>73.3%</b>
		211	General Physics I-Calculus Sup	8	7	<b>87.5%</b>	8	<b>100.0%</b>
		250	Physics with Calculus I	42	23	<b>54.8%</b>	31	<b>73.8%</b>
		260	Physics with Calculus II	35	26	<b>74.3%</b>	28	<b>80.0%</b>
		405	Applied Radiographic Physics	20	19	<b>95.0%</b>	19	<b>95.0%</b>
Fall 2015	PHYS	210	General Physics I	49	23	<b>46.9%</b>	30	<b>61.2%</b>
		250	Physics with Calculus I	48	25	<b>52.1%</b>	33	<b>68.8%</b>
		260	Physics with Calculus II	45	27	<b>60.0%</b>	35	<b>77.8%</b>
		405	Applied Radiographic Physics	24	22	<b>91.7%</b>	22	<b>91.7%</b>
Fall 2016	PHYS	210	General Physics I	28	25	<b>89.3%</b>	26	<b>92.9%</b>
		250	Physics with Calculus I	50	30	<b>60.0%</b>	36	<b>72.0%</b>
		260	Physics with Calculus II	57	36	<b>63.2%</b>	37	<b>64.9%</b>
		405	Applied Radiographic Physics	19	19	<b>100.0%</b>	19	<b>100.0%</b>
Spring 2013	PHYS	220	General Physics II	27	19	<b>70.4%</b>	21	<b>77.8%</b>
		221	Gen Physics II Calculus Sup	3	3	<b>100.0%</b>	3	<b>100.0%</b>
		250	Physics with Calculus I	58	34	<b>58.6%</b>	41	<b>70.7%</b>
		260	Physics with Calculus II	14	11	<b>78.6%</b>	14	<b>100.0%</b>
		270	Physics with Calculus III	33	30	<b>90.9%</b>	30	<b>90.9%</b>
Spring 2014	PHYS	220	General Physics II	35	24	<b>68.6%</b>	29	<b>82.9%</b>
		221	Gen Physics II Calculus Sup	2	2	<b>100.0%</b>	2	<b>100.0%</b>
		250	Physics with Calculus I	40	23	<b>57.5%</b>	24	<b>60.0%</b>
		260	Physics with Calculus II	42	35	<b>83.3%</b>	37	<b>88.1%</b>
Spring 2015	PHYS	270	Physics with Calculus III	30	28	<b>93.3%</b>	28	<b>93.3%</b>
		220	General Physics II	30	28	<b>93.3%</b>	28	<b>93.3%</b>

**Course Success and Retention by Courses**

			<b>Headcount</b>	<b>Success</b>	<b>Success Rate</b>	<b>Retention</b>	<b>Retention Rate</b>
		221	12	11	<b>91.7%</b>	11	<b>91.7%</b>
		250	51	33	<b>64.7%</b>	39	<b>76.5%</b>
		260	31	22	<b>71.0%</b>	25	<b>80.6%</b>
		270	41	36	<b>87.8%</b>	37	<b>90.2%</b>
Spring 2016	PHYS	220	22	18	<b>81.8%</b>	19	<b>86.4%</b>
		250	67	37	<b>55.2%</b>	52	<b>77.6%</b>
		260	49	28	<b>57.1%</b>	32	<b>65.3%</b>
		270	48	40	<b>83.3%</b>	43	<b>89.6%</b>
Spring 2017	PHYS	220	36	31	<b>86.1%</b>	34	<b>94.4%</b>
		250	49	29	<b>59.2%</b>	38	<b>77.6%</b>
		260	44	19	<b>43.2%</b>	31	<b>70.5%</b>
		270	57	52	<b>91.2%</b>	55	<b>96.5%</b>
Summer 2012	PHYS	250	4	4	<b>100.0%</b>	4	<b>100.0%</b>
		260	28	19	<b>67.9%</b>	26	<b>92.9%</b>
Summer 2013	PHYS	260	21	19	<b>90.5%</b>	19	<b>90.5%</b>
Summer 2014	PHYS	260	18	16	<b>88.9%</b>	17	<b>94.4%</b>
Summer 2015	PHYS	260	18	13	<b>72.2%</b>	15	<b>83.3%</b>
Summer 2016	PHYS	260	18	16	<b>88.9%</b>	17	<b>94.4%</b>