



Success and Retention 2011/12 through 2015/16 Engineering (ENGR)

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	283	227	80.2%	70%	10.2%	242	85.5%	84%	1.5%
2012/2013	333	274	82.3%	70%	12.3%	293	88.0%	84%	4.0%
2013/2014	280	230	82.1%	70%	12.1%	242	86.4%	84%	2.4%
2014/2015	329	272	82.7%	70%	12.7%	294	89.4%	84%	5.4%
2015/2016	282	229	81.2%	70%	11.2%	244	86.5%	84%	2.5%

Course Success and Retention by Semester

	Headcount	Success Count	Success Rate	Retention Count	Retention Rate
Fall 2011	86	69	80.2%	71	82.6%
Fall 2012	130	115	88.5%	119	91.5%
Fall 2013	86	72	83.7%	77	89.5%
Fall 2014	109	90	82.6%	98	89.9%
Fall 2015	88	70	79.5%	73	83.0%
Spring 2012	188	149	79.3%	162	86.2%
Spring 2013	196	152	77.6%	167	85.2%
Spring 2014	183	147	80.3%	154	84.2%
Spring 2015	212	174	82.1%	188	88.7%
Spring 2016	189	154	81.5%	166	87.8%
Summer 2011	9	9	100.0%	9	100.0%
Summer 2012	7	7	100.0%	7	100.0%
Summer 2013	11	11	100.0%	11	100.0%
Summer 2014	8	8	100.0%	8	100.0%
Summer 2015	5	5	100.0%	5	100.0%

Course Success and Retention by Ethnicity

		Headcount	Success Count	Success Rate	Retention Count	Retention Rate
2011/2012	Asian	57	51	89.5%	52	91.2%
	Black - Non-Hispanic	4	4	100.0%	4	100.0%
	Filipino	16	14	87.5%	16	100.0%
	Hispanic	102	82	80.4%	86	84.3%
	Multi Races	18	13	72.2%	16	88.9%
	Pacific Islander	9	6	66.7%	6	66.7%
	White Non-Hispanic	57	43	75.4%	47	82.5%
	Unknown	20	14	70.0%	15	75.0%
	Totals and Averages	283	227	80.2%	242	85.5%
2012/2013	Asian	64	46	71.9%	48	75.0%
	Black - Non-Hispanic	18	15	83.3%	18	100.0%
	Filipino	7	6	85.7%	7	100.0%
	Hispanic	95	83	87.4%	84	88.4%
	Multi Races	40	35	87.5%	38	95.0%
	Pacific Islander	6	6	100.0%	6	100.0%
	White Non-Hispanic	80	65	81.3%	72	90.0%
	Unknown	23	18	78.3%	20	87.0%
	Totals and Averages	333	274	82.3%	293	88.0%
2013/2014	Asian	49	39	79.6%	44	89.8%
	Black - Non-Hispanic	7	4	57.1%	5	71.4%
	Filipino	18	16	88.9%	17	94.4%
	Hispanic	65	54	83.1%	55	84.6%
	Multi Races	51	44	86.3%	47	92.2%
	Pacific Islander	4	4	100.0%	4	100.0%
	White Non-Hispanic	68	54	79.4%	55	80.9%
	Unknown	18	15	83.3%	15	83.3%
	Totals and Averages	280	230	82.1%	242	86.4%
2014/2015	Asian	63	50	79.4%	57	90.5%
	Black - Non-Hispanic	6	4	66.7%	6	100.0%
	Filipino	13	7	53.8%	10	76.9%
	Hispanic	88	73	83.0%	75	85.2%

Course Success and Retention by Ethnicity

		Headcount	Success Count	Success Rate	Retention Count	Retention Rate
	Multi Races	64	54	84.4%	58	90.6%
	Pacific Islander	3	3	100.0%	3	100.0%
	White Non-Hispanic	78	69	88.5%	72	92.3%
	Unknown	14	12	85.7%	13	92.9%
	Totals and Averages	329	272	82.7%	294	89.4%
2015/2016	Asian	71	63	88.7%	66	93.0%
	Black - Non-Hispanic	1				
	Filipino	18	16	88.9%	16	88.9%
	Hispanic	54	40	74.1%	43	79.6%
	Multi Races	51	41	80.4%	43	84.3%
	White Non-Hispanic	63	48	76.2%	55	87.3%
	Unknown	24	21	87.5%	21	87.5%
	Totals and Averages	282	229	81.2%	244	86.5%

Course Success and Retention by Gender

		Headcount	Success Count	Success Rate	Retention Count	Retention Rate
2011/2012	Female	65	51	78.5%	56	86.2%
	Male	210	172	81.9%	182	86.7%
	Unreported	3	2	66.7%	2	66.7%
	Totals & Averages	278	225	80.9%	240	86.3%
2012/2013	Female	63	48	76.2%	51	81.0%
	Male	269	225	83.6%	241	89.6%
	Unreported	1	1	100.0%	1	100.0%
	Totals & Averages	333	274	82.3%	293	88.0%
2013/2014	Female	66	56	84.8%	61	92.4%

Course Success and Retention by Gender

		Headcount	Success Count	Success Rate	Retention Count	Retention Rate
	Male	210	170	81.0%	177	84.3%
	Unreported	4	4	100.0%	4	100.0%
	Totals & Averages	280	230	82.1%	242	86.4%
2014/2015	Female	78	65	83.3%	67	85.9%
	Male	247	205	83.0%	224	90.7%
	Unreported	4	2	50.0%	3	75.0%
	Totals & Averages	329	272	82.7%	294	89.4%
2015/2016	Female	59	49	83.1%	50	84.7%
	Male	219	178	81.3%	192	87.7%
	Unreported	4	2	50.0%	2	50.0%
	Totals & Averages	282	229	81.2%	244	86.5%

Course Success and Retention by Age

		Headcount	Success Count	Success Rate	Retention Count	Retention Rate
2011/2012	Under 18	15	11	73.3%	12	80.0%
	Age 18-22	175	145	82.9%	153	87.4%
	Age 23-28	50	39	78.0%	44	88.0%
	Age 29-39	33	23	69.7%	24	72.7%
	Age 40-49	6	6	100.0%	6	100.0%
	Age 50-59	4	3	75.0%	3	75.0%
	Totals & Averages	283	227	80.2%	242	85.5%
2012/2013	Under 18	5	4	80.0%	4	80.0%
	Age 18-22	177	156	88.1%	162	91.5%
	Age 23-28	81	59	72.8%	65	80.2%
	Age 29-39	46	36	78.3%	40	87.0%
	Age 40-49	14	13	92.9%	14	100.0%
	Age 50-59	8	5	62.5%	7	87.5%
	Age 60+	2	1	50.0%	1	50.0%
	Totals & Averages	333	274	82.3%	293	88.0%
2013/2014	Under 18	1	1	100.0%	1	100.0%
	Age 18-22	163	140	85.9%	147	90.2%
	Age 23-28	83	68	81.9%	72	86.7%

Course Success and Retention by Age

		Headcount	Success Count	Success Rate	Retention Count	Retention Rate
	Age 29-39	25	15	60.0%	16	64.0%
	Age 40-49	6	5	83.3%	5	83.3%
	Age 50-59	1				
	Age 60+	1	1	100.0%	1	100.0%
	Totals & Averages	280	230	82.1%	242	86.4%
2014/2015	Under 18	4	3	75.0%	4	100.0%
	Age 18-22	211	185	87.7%	194	91.9%
	Age 23-28	69	49	71.0%	59	85.5%
	Age 29-39	34	29	85.3%	29	85.3%
	Age 40-49	6	2	33.3%	4	66.7%
	Age 50-59	5	4	80.0%	4	80.0%
	Totals & Averages	329	272	82.7%	294	89.4%
2015/2016	Under 18	4	2	50.0%	3	75.0%
	Age 18-22	182	157	86.3%	163	89.6%
	Age 23-28	66	47	71.2%	53	80.3%
	Age 29-39	23	18	78.3%	19	82.6%
	Age 40-49	2	2	100.0%	2	100.0%
	Age 50-59	4	3	75.0%	3	75.0%
	Age 60+	1			1	100.0%
	Totals & Averages	282	229	81.2%	244	86.5%

Course Success and Retention by Enrollment Status

		Headcount	Success Count	Success Rate	Retention Count	Retention Rate
2011/2012	Continuing Student	234	188	80.3%	198	84.6%
	Currently K-12	5	5	100.0%	5	100.0%
	First-Time Student	7	7	100.0%	7	100.0%
	First-Time Transfer Student	18	14	77.8%	15	83.3%
	Returning Student	12	9	75.0%	11	91.7%
	Returning Transfer Student	7	4	57.1%	6	85.7%
	Totals & Averages	283	227	80.2%	242	85.5%
2012/2013	Continuing Student	272	236	86.8%	249	91.5%

Course Success and Retention by Enrollment Status

		Headcount	Success Count	Success Rate	Retention Count	Retention Rate
	Currently K-12	6	5	83.3%	5	83.3%
	First-Time Student	7	7	100.0%	7	100.0%
	First-Time Transfer Student	34	19	55.9%	24	70.6%
	Returning Student	12	6	50.0%	7	58.3%
	Returning Transfer Student	2	1	50.0%	1	50.0%
	Totals & Averages	333	274	82.3%	293	88.0%
2013/2014	Continuing Student	231	193	83.5%	203	87.9%
	Currently K-12	5	5	100.0%	5	100.0%
	First-Time Student	1	1	100.0%	1	100.0%
	First-Time Transfer Student	28	20	71.4%	22	78.6%
	Returning Student	12	8	66.7%	8	66.7%
	Returning Transfer Student	3	3	100.0%	3	100.0%
	Totals & Averages	280	230	82.1%	242	86.4%
2014/2015	Continuing Student	279	238	85.3%	250	89.6%
	Currently K-12	8	7	87.5%	8	100.0%
	First-Time Student	2	2	100.0%	2	100.0%
	First-Time Transfer Student	23	16	69.6%	21	91.3%
	Returning Student	6	2	33.3%	4	66.7%
	Returning Transfer Student	11	7	63.6%	9	81.8%
	Totals & Averages	329	272	82.7%	294	89.4%
2015/2016	Continuing Student	236	193	81.8%	204	86.4%
	Currently K-12	9	8	88.9%	9	100.0%
	First-Time Student	7	6	85.7%	6	85.7%
	First-Time Transfer Student	18	14	77.8%	16	88.9%
	Returning Student	6	5	83.3%	5	83.3%
	Returning Transfer Student	6	3	50.0%	4	66.7%
	Totals & Averages	282	229	81.2%	244	86.5%

Course Success and Retention by DE vs Non DE

		Headcount	Success Count	Success Rate	Retention Count	Retention Rate
2011/2012	Hybrid	12	8	66.7%	8	66.7%
	Not Online	214	181	84.6%	188	87.9%
	Online	48	30	62.5%	38	79.2%
	Web Assisted	9	8	88.9%	8	88.9%
	Totals & Averages	283	227	80.2%	242	85.5%
2012/2013	Not Online	242	216	89.3%	227	93.8%
	Online	77	44	57.1%	52	67.5%
	Web Assisted	14	14	100.0%	14	100.0%
	Totals & Averages	333	274	82.3%	293	88.0%
2013/2014	Not Online	193	165	85.5%	171	88.6%
	Online	76	56	73.7%	60	78.9%
	Web Assisted	11	9	81.8%	11	100.0%
	Totals & Averages	280	230	82.1%	242	86.4%
2014/2015	Not Online	243	215	88.5%	225	92.6%
	Online	76	50	65.8%	60	78.9%
	Web Assisted	10	7	70.0%	9	90.0%
	Totals & Averages	329	272	82.7%	294	89.4%
2015/2016	Not Online	218	182	83.5%	194	89.0%
	Online	60	43	71.7%	46	76.7%
	Web Assisted	4	4	100.0%	4	100.0%
	Totals & Averages	282	229	81.2%	244	86.5%

Course Success and Retention by CTE vs Non CTE

		Headcount	Success Count	Success Rate	Retention Count	Retention Rate
2011/2012	Not CTE	283	227	80.2%	242	85.5%
	Totals & Averages	283	227	80.2%	242	85.5%
2012/2013	Not CTE	333	274	82.3%	293	88.0%
	Totals & Averages	333	274	82.3%	293	88.0%
2013/2014	Not CTE	280	230	82.1%	242	86.4%
	Totals & Averages	280	230	82.1%	242	86.4%
2014/2015	Not CTE	329	272	82.7%	294	89.4%
	Totals & Averages	329	272	82.7%	294	89.4%
2015/2016	Not CTE	282	229	81.2%	244	86.5%
	Totals & Averages	282	229	81.2%	244	86.5%

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	283	227	80.2%	242	85.5%
	Totals & Averages	283	227	80.2%	242	85.5%
2012/2013	Non Basic Skills	333	274	82.3%	293	88.0%
	Totals & Averages	333	274	82.3%	293	88.0%
2013/2014	Non Basic Skills	280	230	82.1%	242	86.4%
	Totals & Averages	280	230	82.1%	242	86.4%
2014/2015	Non Basic Skills	329	272	82.7%	294	89.4%
	Totals & Averages	329	272	82.7%	294	89.4%
2015/2016	Non Basic Skills	282	229	81.2%	244	86.5%
	Totals & Averages	282	229	81.2%	244	86.5%

Course Success and Retention by Prior to College Level

		Headcount	Success Count	Success Rate	Retention Count	Retention Rate
2011/2012	Not applicable	283	227	80.2%	242	85.5%
2012/2013	Not applicable	333	274	82.3%	293	88.0%
2013/2014	Not applicable	280	230	82.1%	242	86.4%
2014/2015	Not applicable	329	272	82.7%	294	89.4%
2015/2016	Not applicable	282	229	81.2%	244	86.5%

Course Success and Retention by Transfer vs Non Transfer

		Headcount	Success Count	Success Rate	Retention Count	Retention Rate
2011/2012	Transferable	283	227	80.2%	242	85.5%
	Totals & Averages	283	227	80.2%	242	85.5%
2012/2013	Transferable	333	274	82.3%	293	88.0%
	Totals & Averages	333	274	82.3%	293	88.0%
2013/2014	Transferable	280	230	82.1%	242	86.4%
	Totals & Averages	280	230	82.1%	242	86.4%
2014/2015	Transferable	329	272	82.7%	294	89.4%
	Totals & Averages	329	272	82.7%	294	89.4%
2015/2016	Transferable	282	229	81.2%	244	86.5%
	Totals & Averages	282	229	81.2%	244	86.5%

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	32	22	15	1	1		15
Fall 2012	73	26	16	2	2		11
Fall 2013	41	18	13	3		2	9
Fall 2014	44	24	21	5	3	1	11
Fall 2015	30	21	19	2		1	15
Spring 2012	86	43	20	9	2	2	26
Spring 2013	77	44	31	4	8	3	29
Spring 2014	75	41	31	4	3		29
Spring 2015	112	39	23	7	7		24
Spring 2016	85	42	27	6	4	2	23
Summer 2011	9						
Summer 2012	7						
Summer 2013	10	1					
Summer 2014	7	1					
Summer 2015	5						

Course Success and Retention by Courses

				Headcount	Success	Success Rate	Retention	Retention Rate
Fall 2011	ENGR	111	Surveying	15	14	93.3%	14	93.3%
		210	Engineering Graphics	22	18	81.8%	18	81.8%
		240	Engineering Dynamics	23	18	78.3%	18	78.3%
		270	Materials Science	20	15	75.0%	16	80.0%
		410	Computer-Aided Graphics	1				
		413	Designing with CAD	1			1	100.0%
Fall 2012	ENGR	695	Independent Study	4	4	100.0%	4	100.0%
		111	Surveying	25	22	88.0%	23	92.0%
		210	Engineering Graphics	30	27	90.0%	28	93.3%
		240	Engineering Dynamics	35	27	77.1%	28	80.0%
		270	Materials Science	32	31	96.9%	32	100.0%
Fall 2013	ENGR	695	Independent Study	8	8	100.0%	8	100.0%
		111	Surveying	12	11	91.7%	11	91.7%
		210	Engineering Graphics	23	19	82.6%	20	87.0%
		240	Engineering Dynamics	25	19	76.0%	21	84.0%
		270	Materials Science	23	20	87.0%	22	95.7%
		695	Independent Study	2	2	100.0%	2	100.0%
Fall 2014	ENGR		Independent Study-Honors	1	1	100.0%	1	100.0%
		210	Engineering Graphics	33	27	81.8%	29	87.9%
		240	Engineering Dynamics	42	33	78.6%	36	85.7%
		270	Materials Science	32	28	87.5%	31	96.9%
		695	Independent Study	2	2	100.0%	2	100.0%
Fall 2015	ENGR	111	Surveying	13	13	100.0%	13	100.0%
		210	Engineering Graphics	30	18	60.0%	19	63.3%
			Engineering Graphics - HONORS	1	1	100.0%	1	100.0%
		240	Engineering Dynamics	24	21	87.5%	22	91.7%
		270	Materials Science	18	16	88.9%	17	94.4%
		695	Independent Study	2	1	50.0%	1	50.0%
		Spring 2012	ENGR	100	Introduction to Engineering	35	29	82.9%
215	Comput. Methods Engr/Scientist			13	7	53.8%	7	53.8%
230	Statics			47	33	70.2%	38	80.9%

Course Success and Retention by Courses

				Headcount	Success	Success Rate	Retention	Retention Rate
		260	Circuits And Devices	27	17	63.0%	23	85.2%
			Circuits And Devices - Honors	25	23	92.0%	23	92.0%
		261	Circuits & Devic. Lab. -Honors	25	24	96.0%	24	96.0%
		695	Independent Study	16	16	100.0%	16	100.0%
Spring 2013	ENGR	100	Introduction to Engineering	36	30	83.3%	34	94.4%
		210	Engineering Graphics	22	17	77.3%	21	95.5%
		215	Comput. Methods Engr/Scientist	25	23	92.0%	23	92.0%
		230	Statics	35	22	62.9%	23	65.7%
		260	Circuits And Devices	39	22	56.4%	28	71.8%
			Circuits And Devices - Honors	13	12	92.3%	12	92.3%
		261	Circuits & Devic. Lab. -Honors	14	14	100.0%	14	100.0%
		695	Independent Study	12	12	100.0%	12	100.0%
Spring 2014	ENGR	100	Introduction to Engineering	30	24	80.0%	26	86.7%
		215	Comput. Methods Engr/Scientist	16	11	68.8%	11	68.8%
		230	Statics	45	36	80.0%	38	84.4%
		260	Circuits and Devices	45	31	68.9%	34	75.6%
			Circuits And Devices - Honors	17	16	94.1%	16	94.1%
		261	Circuits & Devic. Lab. -Honors	30	29	96.7%	29	96.7%
Spring 2015	ENGR	100	Introduction to Engineering	49	39	79.6%	42	85.7%
		215	Comput. Methods Engr/Scientist	28	25	89.3%	26	92.9%
		230	Statics	37	30	81.1%	33	89.2%
		260	Circuits And Devices	31	28	90.3%	28	90.3%
			Circuits and Devices	34	19	55.9%	26	76.5%
		261	Circuits & Devic. Lab.	33	33	100.0%	33	100.0%
Spring 2016	ENGR	100	Introduction to Engineering	30	25	83.3%	28	93.3%
		215	Comput. Methods Engr/Scientist	33	23	69.7%	27	81.8%
		230	Statics	35	27	77.1%	29	82.9%
		260	Circuits And Devices	31	27	87.1%	28	90.3%
			Circuits and Devices	26	19	73.1%	21	80.8%
		261	Circuits & Devic. Lab.	34	33	97.1%	33	97.1%
Summer 2011	ENGR	695	Independent Study	9	9	100.0%	9	100.0%
Summer 2012	ENGR	695	Independent Study - Honors	7	7	100.0%	7	100.0%

Course Success and Retention by Courses

				Headcount	Success	Success Rate	Retention	Retention Rate
Summer 2013	ENGR	695	Independent Study	4	4	100.0%	4	100.0%
			Independent Study - Honors	7	7	100.0%	7	100.0%
Summer 2014	ENGR	695	Independent Study	1	1	100.0%	1	100.0%
			Independent Study-Honors	7	7	100.0%	7	100.0%
Summer 2015	ENGR	695	Independent Study - HONORS	5	5	100.0%	5	100.0%