Success and Retention 2012/13 through 2016/17 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
2012/2013	333	274	**82.3%**	70%	**12.3%**	293	**88.0%**	84%	**4.0%**
2013/2014	280	231	**82.5%**	70%	**12.5%**	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%**
2016/2017	300	263	**87.7%**	70%	**17.7%**	282	**94.0%**	84%	**10.0%**

Course Success and Retention by Semester

	Headcount	Success Count	Success Rate	Retention Count	Retention Rate
Fall 2012	130	115	**88.5%**	119	**91.5%**
Fall 2013	86	73	**84.9%**	77	**89.5%**
Fall 2014	109	90	**82.6%**	98	**89.9%**
Fall 2015	88	70	**79.5%**	73	**83.0%**
Fall 2016	63	60	**95.2%**	61	**96.8%**
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%**
Spring 2017	208	174	**83.7%**	192	**92.3%**
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%**
Summer 2016	29	29	**100.0%**	29	**100.0%**

Course Success and Retention by Ethnicity

		Headcount	Success Count	Success Rate	Retention Count	Retention Rate
2012/2013	Asian	60	42	70.0%	44	73.3%
	Black - Non-Hispanic	17	14	82.4%	17	100.0%
	Filipino	7	6	85.7%	7	100.0%
	Hispanic	88	75	85.2%	76	86.4%
	Multi Races	49	45	91.8%	48	98.0%
	Pacific Islander	6	6	100.0%	6	100.0%
	White Non-Hispanic	85	70	82.4%	77	90.6%
	Unknown	21	16	76.2%	18	85.7%
	Totals and Averages	**333**	**274**	**82.3%**	**293**	**88.0%**
2013/2014	Asian	49	39	79.6%	44	89.8%
	Black - Non-Hispanic	6	3	50.0%	4	66.7%
	Filipino	18	16	88.9%	17	94.4%
	Hispanic	67	56	83.6%	57	85.1%
	Multi Races	50	44	88.0%	46	92.0%
	Pacific Islander	4	4	100.0%	4	100.0%
	White Non-Hispanic	68	53	77.9%	54	79.4%
	Unknown	18	16	88.9%	16	88.9%
	Totals and Averages	**280**	**231**	**82.5%**	**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	87	72	82.8%	74	85.1%
	Multi Races	65	55	84.6%	59	90.8%
	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	57	43	75.4%	46	80.7%
	Multi Races	48	38	79.2%	40	83.3%
	White Non-Hispanic	63	48	76.2%	55	87.3%
	Unknown	24	21	87.5%	21	87.5%

Course Success and Retention by Ethnicity

	Headcount	Success Count	Success Rate	Retention Count	Retention Rate
Totals and Averages	282	229	**81.2%**	244	**86.5%**
Asian	71	69	**97.2%**	70	**98.6%**
Black - Non-Hispanic	2	1	**50.0%**	1	**50.0%**
Filipino	32	26	**81.3%**	30	**93.8%**
Hispanic	60	47	**78.3%**	57	**95.0%**
Multi Races	38	31	**81.6%**	35	**92.1%**
White Non-Hispanic	87	81	**93.1%**	81	**93.1%**
Unknown	10	8	**80.0%**	8	**80.0%**
Totals and Averages	300	263	**87.7%**	282	**94.0%**

2016/2017

Course Success and Retention by Gender

		Headcount	Success Count	Success Rate	Retention Count	Retention Rate
2012/2013	Female	63	48	**76.2%**	51	**81.0%**
	Male	269	226	**84.0%**	242	**90.0%**
	Unreported	1				
	Totals & Averages	333	274	**82.3%**	293	**88.0%**
2013/2014	Female	66	57	**86.4%**	61	**92.4%**
	Male	208	168	**80.8%**	175	**84.1%**
	Unreported	6	6	**100.0%**	6	**100.0%**
	Totals & Averages	280	231	**82.5%**	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%**
2016/2017	Female	61	57	**93.4%**	58	**95.1%**
	Male	232	199	**85.8%**	217	**93.5%**
	Unreported	7	7	**100.0%**	7	**100.0%**
	Totals & Averages	300	263	**87.7%**	282	**94.0%**

Course Success and Retention by Age

		Headcount	Success Count	Success Rate	Retention Count	Retention Rate
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	141	**86.5%**	147	**90.2%**
	Age 23-28	83	68	**81.9%**	72	**86.7%**
	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	231	**82.5%**	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%**
2016/2017	Under 18	7	7	**100.0%**	7	**100.0%**
	Age 18-22	195	177	**90.8%**	189	**96.9%**

Course Success and Retention by Age

	Headcount	Success Count	Success Rate	Retention Count	Retention Rate
Age 23-28	64	49	**76.6%**	56	**87.5%**
Age 29-39	31	27	**87.1%**	27	**87.1%**
Age 40-49	3	3	**100.0%**	3	**100.0%**
Totals & Averages	300	263	**87.7%**	282	**94.0%**

Course Success and Retention by Enrollment Status

		Headcount	Success Count	Success Rate	Retention Count	Retention Rate
2012/2013	Continuing Student	272	236	**86.8%**	249	**91.5%**
	Currently K-12	4	3	**75.0%**	3	**75.0%**
	Middle College	2	2	**100.0%**	2	**100.0%**
	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	194	**84.0%**	203	**87.9%**
	Currently K-12	4	4	**100.0%**	4	**100.0%**
	Middle College	1	1	**100.0%**	1	**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	231	**82.5%**	242	**86.4%**
2014/2015	Continuing Student	279	238	**85.3%**	250	**89.6%**
	Currently K-12	6	5	**83.3%**	6	**100.0%**
	Middle College	2	2	**100.0%**	2	**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%**

Course Success and Retention by Enrollment Status

			Headcount	Success Count	Success Rate	Retention Count	Retention Rate
		Totals & Averages	329	272	**82.7%**	294	**89.4%**
2015/2016	Continuing Student		236	193	**81.8%**	204	**86.4%**
	Currently K-12		6	6	**100.0%**	6	**100.0%**
		Middle College	3	2	**66.7%**	3	**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%**
2016/2017	Continuing Student		264	232	**87.9%**	248	**93.9%**
	Currently K-12		5	5	**100.0%**	5	**100.0%**
		Middle College	4	4	**100.0%**	4	**100.0%**
	First-Time Student		3	3	**100.0%**	3	**100.0%**
	First-Time Transfer Student		17	13	**76.5%**	16	**94.1%**
	Returning Student		4	3	**75.0%**	3	**75.0%**
	Returning Transfer Student		3	3	**100.0%**	3	**100.0%**
		Totals & Averages	300	263	**87.7%**	282	**94.0%**

Course Success and Retention by DE vs Non DE

		Headcount	Success Count	Success Rate	Retention Count	Retention Rate
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	166	**86.0%**	171	**88.6%**
	Online	76	56	**73.7%**	60	**78.9%**
	Web Assisted	11	9	**81.8%**	11	**100.0%**
	Totals & Averages	280	231	**82.5%**	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%**

Course Success and Retention by DE vs Non DE

		Headcount	Success Count	Success Rate	Retention Count	Retention Rate
	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%**
2016/2017	Not Online	221	204	**92.3%**	214	**96.8%**
	Online	79	59	**74.7%**	68	**86.1%**
	Totals & Averages	300	263	**87.7%**	282	**94.0%**

Course Success and Retention by CTE vs Non CTE

		Headcount	Success Count	Success Rate	Retention Count	Retention Rate
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	231	**82.5%**	242	**86.4%**
	Totals & Averages	280	231	**82.5%**	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%**
2016/2017	Not CTE	300	263	**87.7%**	282	**94.0%**
	Totals & Averages	300	263	**87.7%**	282	**94.0%**

Course Success and Retention by Basic Skills vs Non Basic Skills

		Headcount	Success Count	Success Rate	Retention Count	Retention Rate
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	231	**82.5%**	242	**86.4%**
	Totals & Averages	**280**	**231**	**82.5%**	**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%**
2016/2017	Non Basic Skills	300	263	**87.7%**	282	**94.0%**
	Totals & Averages	**300**	**263**	**87.7%**	**282**	**94.0%**

Course Success and Retention by Prior to College Level

		Headcount	Success Count	Success Rate	Retention Count	Retention Rate
2012/2013	Not applicable	333	274	**82.3%**	293	**88.0%**
2013/2014	Not applicable	280	231	**82.5%**	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%**
2016/2017	Not applicable	300	263	**87.7%**	282	**94.0%**

Course Success and Retention by Transfer vs Non Transfer

		Headcount	Success Count	Success Rate	Retention Count	Retention Rate
2012/2013	Transferable	333	274	**82.3%**	293	**88.0%**
	Totals & Averages	333	274	**82.3%**	293	**88.0%**
2013/2014	Transferable	280	231	**82.5%**	242	**86.4%**
	Totals & Averages	280	231	**82.5%**	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%**
2016/2017	Transferable	300	263	**87.7%**	282	**94.0%**
	Totals & Averages	300	263	**87.7%**	282	**94.0%**

Grade Distribution

		A	**B**	**C**	**D**	**F**	**Other**	**W**
Fall 2012		73	26	16	2	2		11
Fall 2013		41	19	13	4			9
Fall 2014	1	44	24	21	4	3	1	11
Fall 2015		30	21	19	3			15
Fall 2016		39	13	8			1	2
Spring 2013		77	44	31	7	8		29
Spring 2014		75	41	31	4	3		29
Spring 2015		112	39	23	7	7		24
Spring 2016		85	42	27	7	5		23
Spring 2017		110	33	31	9	9		16
Summer 2012		7						
Summer 2013		10	1					
Summer 2014		7	1					
Summer 2015		5						
Summer 2016		18	8	3				

Course Success and Retention by Courses

				Headcount	Success	Success Rate	Retention	Retention Rate
Fall 2012	ENGR	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%
		695	Independent Study	8	8	100.0%	8	100.0%
Fall 2013	ENGR	111	Surveying	12	11	91.7%	11	91.7%
		210	Engineering Graphics	23	19	82.6%	20	87.0%
		240	Engineering Dynamics	25	20	80.0%	21	84.0%
		270	Materials Science	23	20	87.0%	22	95.7%
		695	Independent Study	2	2	100.0%	2	100.0%
			Independent Study-Honors	1	1	100.0%	1	100.0%
Fall 2014	ENGR	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%
Fall 2016	ENGR	210	Engineering Graphics	30	29	96.7%	29	96.7%
		240	Engineering Dynamics	13	11	84.6%	12	92.3%
		270	Materials Science	20	20	100.0%	20	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%

Course Success and Retention by Courses

				Headcount	Success	Success Rate	Retention	Retention Rate
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%**
Spring 2017	ENGR	100	Introduction to Engineering	28	24	**85.7%**	28	**100.0%**
		215	Comput. Methods Engr/Scientist	30	21	**70.0%**	26	**86.7%**
		230	Statics	49	36	**73.5%**	43	**87.8%**
		260	Circuits And Devices	37	36	**97.3%**	36	**97.3%**
			Circuits and Devices	31	24	**77.4%**	26	**83.9%**
		261	Circuits & Devic. Lab.	33	33	**100.0%**	33	**100.0%**
Summer 2012	ENGR	695	Independent Study - Honors	7	7	**100.0%**	7	**100.0%**
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%**
Summer 2016	ENGR	100	Introduction to Engineering	16	16	**100.0%**	16	**100.0%**
		695	Independent Study	8	8	**100.0%**	8	**100.0%**
			Independent Study - HONORS	5	5	**100.0%**	5	**100.0%**