



Productivity 2010/11 through 2014/15 Engineering (ENGR)

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Productivity by Year

	Census Headcount	End of Term Headcount	FTEF	FTES	WSCH	Load	Sections	Max Enroll	Fill Rates
2010/11	283	229	2.36	51.05	1,532	649	15	316	89.7%
2011/12	283	233	2.34	42.41	1,272	544	18	346	81.8%
2012/13	304	265	2.36	52.50	1,575	667	16	341	89.3%
2013/14	269	231	2.36	36.28	1,089	461	14	412	65.3%
2014/15	321	286	2.16	43.78	1,313	608	13	342	93.9%

Census Headcount: Number of duplicated headcount at final census. End of Term Headcount: Number of duplicated headcount at the end of the term.
 FTEF: Total number of full time equivalent faculty assigned. FTES: Total number of full time equivalent students enrolled at first census.
 WSCH: Weekly student contact hours generated by census enrollments. Load: The ratio of WSCH to FTEF, used to measure productivity.
 Sections: Total number of sections offered per semester. Max Enroll: The enrollment capacity or maximum enrollment as defined in curriculum.
 Fill Rate: Census Headcount divided by Max Enrollment.

Productivity by Semester

	Census Headcount	End of Term Headcount	FTEF	FTES	WSCH	Load	Sections	Max Enroll	Fill Rates
Fall 2010	112	102	1.21	25.37	761	627	7	116	97.0%
Fall 2011	89	71	1.21	17.09	513	423	9	139	64.0%
Fall 2012	130	119	1.21	26.40	792	653	8	134	97.4%
Fall 2013	86	77	1.21	14.46	434	358	7	132	65.2%
Fall 2014	109	98	0.85	17.00	510	598	6	112	97.3%
Spring 2011	171	127	1.15	25.69	771	672	8	200	85.5%
Spring 2012	194	162	1.13	25.32	760	674	9	207	93.7%
Spring 2013	174	146	1.15	26.10	783	683	8	207	84.1%
Spring 2014	183	154	1.15	21.82	655	571	7	280	65.4%
Spring 2015	212	188	1.31	26.78	803	615	7	230	92.2%

DE vs Non DE Courses

		Census Headcount	End of Term Headcount	FTEF	FTES	WSCH	Load	Sections	Max Enroll	Fill Rates
Fall 2010	FaceToFace	97	91	1.21	22.62	679	559	6	96	101.6%
	Online	15	11	0.00	2.75	83	#INF	1	20	75.0%
	Total	112	102	1.21	25.37	761	627	7	116	97.0%
Fall 2011	FaceToFace	77	63	1.21	15.49	465	383	8	119	64.7%
	Online	12	8	0.00	1.60	48	#INF	1	20	60.0%
	Total	89	71	1.21	17.09	513	423	9	139	64.0%
Fall 2012	FaceToFace	113	107	1.21	24.13	724	597	7	114	99.6%
	Online	17	12	0.00	2.27	68	#INF	1	20	85.0%
	Total	130	119	1.21	26.40	792	653	8	134	97.4%
Fall 2013	FaceToFace	77	69	1.21	13.56	407	335	6	112	68.8%
	Online	9	8	0.00	0.90	27	#INF	1	20	45.0%
	Total	86	77	1.21	14.46	434	358	7	132	65.2%
Fall 2014	FaceToFace	87	81	0.85	14.80	444	520	5	92	94.6%
	Online	22	17	0.00	2.20	66	#INF	1	20	110.0%
	Total	109	98	0.85	17.00	510	598	6	112	97.3%
Spring 2011	FaceToFace	134	103	1.15	20.51	615	537	6	150	89.3%
	Online	37	24	0.00	5.18	155	#INF	2	50	74.0%
	Total	171	127	1.15	25.69	771	672	8	200	85.5%
Spring 2012	FaceToFace	145	124	1.13	20.42	613	544	7	157	92.4%
	Online	49	38	0.00	4.90	147	#INF	2	50	98.0%
	Total	194	162	1.13	25.32	760	674	9	207	93.7%
Spring 2013	FaceToFace	114	106	1.15	18.10	543	474	6	157	72.6%
	Online	60	40	0.00	8.00	240	#INF	2	50	120.0%
	Total	174	146	1.15	26.10	783	683	8	207	84.1%
Spring 2014	FaceToFace	116	102	1.15	15.12	454	396	5	170	68.2%
	Online	67	52	0.00	6.70	201	#INF	2	110	60.9%
	Total	183	154	1.15	21.82	655	571	7	280	65.4%
Spring 2015	FaceToFace	158	145	1.31	21.38	641	491	5	170	92.9%
	Online	54	43	0.00	5.40	162	#INF	2	60	90.0%
	Total	212	188	1.31	26.78	803	615	7	230	92.2%

Basic Skills vs Non Basic Skills Courses

		Census Headcount	End of Term Headcount	FTEF	FTES	WSCH	Load	Sections	Max Enroll	Fill Rates
Fall 2010	Non Basic Skills	112	102	1.21	25.37	761	627	7	116	97.0%
	Total	112	102	1.21	25.37	761	627	7	116	97.0%
Fall 2011	Non Basic Skills	89	71	1.21	17.09	513	423	9	139	64.0%
	Total	89	71	1.21	17.09	513	423	9	139	64.0%
Fall 2012	Non Basic Skills	130	119	1.21	26.40	792	653	8	134	97.4%
	Total	130	119	1.21	26.40	792	653	8	134	97.4%
Fall 2013	Non Basic Skills	86	77	1.21	14.46	434	358	7	132	65.2%
	Total	86	77	1.21	14.46	434	358	7	132	65.2%
Fall 2014	Non Basic Skills	109	98	0.85	17.00	510	598	6	112	97.3%
	Total	109	98	0.85	17.00	510	598	6	112	97.3%
Spring 2011	Non Basic Skills	171	127	1.15	25.69	771	672	8	200	85.5%
	Total	171	127	1.15	25.69	771	672	8	200	85.5%
Spring 2012	Non Basic Skills	194	162	1.13	25.32	760	674	9	207	93.7%
	Total	194	162	1.13	25.32	760	674	9	207	93.7%
Spring 2013	Non Basic Skills	174	146	1.15	26.10	783	683	8	207	84.1%
	Total	174	146	1.15	26.10	783	683	8	207	84.1%
Spring 2014	Non Basic Skills	183	154	1.15	21.82	655	571	7	280	65.4%
	Total	183	154	1.15	21.82	655	571	7	280	65.4%
Spring 2015	Non Basic Skills	212	188	1.31	26.78	803	615	7	230	92.2%
	Total	212	188	1.31	26.78	803	615	7	230	92.2%

CTE vs NonCTE Courses

		Census Headcount	End of Term Headcount	FTEF	FTES	WSCH	Load	Sections	Max Enroll	Fill Rates
Fall 2010	Non CTE	112	102	1.21	25.37	761	627	7	116	97.0%
	Total	112	102	1.21	25.37	761	627	7	116	97.0%
Fall 2011	Non CTE	89	71	1.21	17.09	513	423	9	139	64.0%
	Total	89	71	1.21	17.09	513	423	9	139	64.0%
Fall 2012	Non CTE	130	119	1.21	26.40	792	653	8	134	97.4%
	Total	130	119	1.21	26.40	792	653	8	134	97.4%
Fall 2013	Non CTE	86	77	1.21	14.46	434	358	7	132	65.2%
	Total	86	77	1.21	14.46	434	358	7	132	65.2%
Fall 2014	Non CTE	109	98	0.85	17.00	510	598	6	112	97.3%
	Total	109	98	0.85	17.00	510	598	6	112	97.3%
Spring 2011	Non CTE	171	127	1.15	25.69	771	672	8	200	85.5%
	Total	171	127	1.15	25.69	771	672	8	200	85.5%
Spring 2012	Non CTE	194	162	1.13	25.32	760	674	9	207	93.7%
	Total	194	162	1.13	25.32	760	674	9	207	93.7%
Spring 2013	Non CTE	174	146	1.15	26.10	783	683	8	207	84.1%
	Total	174	146	1.15	26.10	783	683	8	207	84.1%
Spring 2014	Non CTE	183	154	1.15	21.82	655	571	7	280	65.4%
	Total	183	154	1.15	21.82	655	571	7	280	65.4%
Spring 2015	Non CTE	212	188	1.31	26.78	803	615	7	230	92.2%
	Total	212	188	1.31	26.78	803	615	7	230	92.2%

Transfer vs Non Transfer Courses

		Census Headcount	End of Term Headcount	FTEF	FTES	WSCH	Load	Sections	Max Enroll	Fill Rates
Fall 2010	Y	112	102	1.21	25.37	761	627	7	116	97.0%
	Total	112	102	1.21	25.37	761	627	7	116	97.0%
Fall 2011	Y	89	71	1.21	17.09	513	423	9	139	64.0%
	Total	89	71	1.21	17.09	513	423	9	139	64.0%
Fall 2012	Y	130	119	1.21	26.40	792	653	8	134	97.4%
	Total	130	119	1.21	26.40	792	653	8	134	97.4%
Fall 2013	Y	86	77	1.21	14.46	434	358	7	132	65.2%
	Total	86	77	1.21	14.46	434	358	7	132	65.2%
Fall 2014	Y	109	98	0.85	17.00	510	598	6	112	97.3%
	Total	109	98	0.85	17.00	510	598	6	112	97.3%
Spring 2011	Y	171	127	1.15	25.69	771	672	8	200	85.5%
	Total	171	127	1.15	25.69	771	672	8	200	85.5%
Spring 2012	Y	194	162	1.13	25.32	760	674	9	207	93.7%
	Total	194	162	1.13	25.32	760	674	9	207	93.7%
Spring 2013	Y	174	146	1.15	26.10	783	683	8	207	84.1%
	Total	174	146	1.15	26.10	783	683	8	207	84.1%
Spring 2014	Y	183	154	1.15	21.82	655	571	7	280	65.4%
	Total	183	154	1.15	21.82	655	571	7	280	65.4%
Spring 2015	Y	212	188	1.31	26.78	803	615	7	230	92.2%
	Total	212	188	1.31	26.78	803	615	7	230	92.2%

Day vs Evening Courses

		Census Headcount	End of Term Headcount	FTEF	FTES	WSCH	Load	Sections	Max Enroll	Fill Rates
Fall 2010	D	67	62	0.92	15.93	478	520	4	66	102.3%
	E	45	40	0.29	9.43	283	965	3	50	90.0%
Fall 2011	D	56	47	0.92	11.71	351	382	6	89	62.9%
	E	33	24	0.29	5.38	161	550	3	50	66.0%
Fall 2012	D	81	75	0.92	17.20	516	561	5	84	97.0%
	E	49	44	0.29	9.20	276	941	3	50	98.0%
Fall 2013	D	54	47	0.92	9.35	280	305	4	82	65.9%
	E	32	30	0.29	5.12	154	523	3	50	64.0%
Fall 2014	D	55	50	0.56	9.15	274	490	3	56	98.2%
	E	54	48	0.29	7.85	236	803	3	56	96.4%
Spring 2011	D	106	80	0.99	17.71	531	538	5	120	88.3%
	E	65	47	0.16	7.98	239	1,496	3	80	81.3%
Spring 2012	D	120	100	0.97	17.92	538	556	6	127	94.5%
	E	74	62	0.16	7.40	222	1,388	3	80	92.5%
Spring 2013	D	100	92	0.99	16.70	501	508	5	127	78.7%
	E	74	54	0.16	9.40	282	1,763	3	80	92.5%
Spring 2014	D	56	47	0.69	6.82	205	295	3	105	53.3%
	E	127	107	0.45	15.00	450	993	4	175	72.6%
Spring 2015	D	76	70	0.69	9.58	287	415	3	90	84.4%
	E	136	118	0.61	17.20	516	841	4	140	97.1%

Productivity by Courses by Semester

				Census Headcount	End of Term Headcount	FTEF	FTES	WSCH	Load	Sections	Max Enroll	Fill Rate
Fall 2010	ENGR	111	Surveying	12	12	0.36	3.00	90	250	1	24	50%
		210	Engineering Graphics	30	27	0.36	9.10	273	758	1	31	97%
		240	Engineering Dynamics	35	29	0.20	6.42	193	963	2	80	44%
		270	Materials Science	30	29	0.29	6.68	201	684	2	60	50%
		695	Independent Study	5	5	0.00	0.17	5	#INF	1	6	83%
		Total		112	102	1.21	25.37	761	627	7	201	56%
Fall 2011	ENGR	111	Surveying	15	14	0.36	3.80	114	317	1	24	63%
		210	Engineering Graphics	24	18	0.36	5.92	178	493	1	31	77%
		240	Engineering Dynamics	23	18	0.20	3.07	92	460	2	80	29%
		270	Materials Science	21	16	0.29	3.78	113	386	2	60	35%
		410	Computer-Aided Graphics	1	0	0.00	0.12	4	#INF	1	31	3%
		413	Designing with CAD	1	1	0.00	0.14	4	#INF	1	10	10%
		695	Independent Study	4	4	0.00	0.27	8	#INF	1	4	100%
	Total			89	71	1.21	17.09	513	423	9	240	37%
Fall 2012	ENGR	111	Surveying	25	23	0.36	6.17	185	514	1	24	104%
		210	Engineering Graphics	30	28	0.36	8.30	249	692	1	31	97%
		240	Engineering Dynamics	35	28	0.20	4.67	140	700	2	80	44%
		270	Materials Science	32	32	0.29	6.93	208	709	2	60	53%
		695	Independent Study	8	8	0.00	0.33	10	#INF	2	24	33%
	Total			130	119	1.21	26.40	792	653	8	219	59%
Fall 2013	ENGR	111	Surveying	12	11	0.36	2.64	79	220	1	24	50%
		210	Engineering Graphics	23	20	0.36	4.91	147	409	1	28	82%
		240	Engineering Dynamics	25	21	0.20	2.50	75	375	2	80	31%
		270	Materials Science	23	22	0.29	4.22	127	431	2	60	38%
		695	Independent Study	3	3	0.00	0.20	6	#INF	1	10	30%
	Total			86	77	1.21	14.46	434	358	7	202	43%
Fall 2014	ENGR	210	Engineering Graphics	33	29	0.36	7.04	211	587	1	28	118%
		240	Engineering Dynamics	42	36	0.20	4.20	126	630	2	80	53%
		270	Materials Science	32	31	0.29	5.65	170	578	2	72	44%
		695	Independent Study	2	2	0.00	0.11	3	#INF	1	8	25%

Productivity by Courses by Semester

			Census Headcount	End of Term Headcount	FTEF	FTES	WSCH	Load	Sections	Max Enroll	Fill Rate	
	Total		109	98	0.85	17.00	510	598	6	188	58%	
Spring 2011	ENGR	100	Introduction to Engineering	33	28	0.29	7.04	211	720	1	30	110%
		215	Comput. Methods Engr/Scientist	12	11	0.29	2.08	62	213	1	30	40%
		230	Statics	46	27	0.20	6.65	199	997	2	100	46%
		260	Circuits And Devices	22	15	0.00	3.08	92	#INF	1	50	44%
			Circuits And Devices - Honors	26	19	0.20	3.64	109	546	1	50	52%
		261	Circuits & Devic. Lab. -Honors	28	23	0.16	2.80	84	525	1	30	93%
		695	Independent Study	4	4	0.00	0.40	12	#INF	1	10	40%
	Total		171	127	1.15	25.69	771	672	8	300	57%	
Spring 2012	ENGR	100	Introduction to Engineering	37	31	0.27	7.65	229	839	1	35	106%
		215	Comput. Methods Engr/Scientist	15	7	0.29	2.60	78	266	1	30	50%
		230	Statics	47	38	0.20	5.74	172	861	2	100	47%
		260	Circuits And Devices	28	23	0.00	2.80	84	#INF	1	50	56%
			Circuits And Devices - Honors	25	23	0.20	3.33	100	500	1	50	50%
		261	Circuits & Devic. Lab. -Honors	25	24	0.16	2.50	75	469	1	30	83%
		695	Independent Study	17	16	0.00	0.70	21	#INF	2	12	142%
	Total		194	162	1.13	25.32	760	674	9	307	63%	
Spring 2013	ENGR	100	Introduction to Engineering	36	34	0.29	7.44	223	761	1	35	103%
		215	Comput. Methods Engr/Scientist	25	23	0.29	5.17	155	528	1	30	83%
		230	Statics	35	23	0.20	4.76	143	714	2	100	35%
		260	Circuits And Devices	39	28	0.00	5.20	156	#INF	1	50	78%
			Circuits And Devices - Honors	13	12	0.20	1.73	52	260	1	50	26%
		261	Circuits & Devic. Lab. -Honors	14	14	0.16	1.40	42	263	1	30	47%
		695	Independent Study	12	12	0.00	0.40	12	#INF	1	12	100%
	Total		174	146	1.15	26.10	783	683	8	307	57%	
Spring 2014	ENGR	100	Introduction to Engineering	30	26	0.29	5.00	150	511	1	35	86%
		215	Comput. Methods Engr/Scientist	16	11	0.29	2.67	80	273	1	30	53%
		230	Statics	45	38	0.20	4.65	140	698	2	90	50%
		260	Circuits and Devices	45	34	0.00	4.50	135	#INF	1	60	75%
			Circuits And Devices - Honors	17	16	0.20	1.70	51	255	1	35	49%

Productivity by Courses by Semester

				Census Headcount	End of Term Headcount	FTEF	FTES	WSCH	Load	Sections	Max Enroll	Fill Rate
Spring 2015		261	Circuits & Devic. Lab. -Honors	30	29	0.16	3.30	99	619	1	30	100%
	Total			183	154	1.15	21.82	655	571	7	280	65%
	ENGR	100	Introduction to Engineering	49	42	0.45	8.17	245	540	1	50	98%
		215	Comput. Methods Engr/Scientist	28	26	0.29	4.67	140	477	1	30	93%
		230	Statics	37	33	0.20	3.81	114	572	2	100	37%
		260	Circuits And Devices	31	28	0.20	3.10	93	465	1	70	44%
			Circuits and Devices	34	26	0.00	3.40	102	#INF	1	70	49%
		261	Circuits & Devic. Lab.	33	33	0.16	3.63	109	681	1	30	110%
	Total			212	188	1.31	26.78	803	615	7	350	61%

					Productivity by Cross listed Courses by Semester					
					Census Headcount	End of Term Headcount	FTEF	WSCH Combined	Load Combined	Section
Fall 2010	ENGR	RA	240	Engineering Dynamics	35	29	0.20	193	963	2
		RF	270	Materials Science	30	29	0.29	201	684	2
		RH	210	Engineering Graphics	30	27	0.36	273	758	1
Fall 2011	ENGR	RA	240	Engineering Dynamics	23	18	0.20	92	460	2
		RF	270	Materials Science	21	16	0.29	113	386	2
		RH	210	Engineering Graphics	24	18	0.36	181	504	1
			410	Computer-Aided Graphics	1	0	0.00			1
Fall 2012	ENGR	RA	240	Engineering Dynamics	35	28	0.20	140	700	2
		RF	270	Materials Science	32	32	0.29	208	709	2
		RH	210	Engineering Graphics	30	28	0.36	249	692	1
Fall 2013	ENGR	RA	240	Engineering Dynamics	25	21	0.20	75	375	2
		RF	270	Materials Science	23	22	0.29	127	431	2
Fall 2014	ENGR	RA	240	Engineering Dynamics	42	36	0.20	126	630	2
		RF	270	Materials Science	32	31	0.29	170	578	2
Spring 2011	ENGR	RA	230	Statics	46	27	0.20	199	997	2
		RD	260	Circuits And Devices	22	15	0.00			1
				Circuits And Devices - Honors	26	19	0.20	202	1,008	1
Spring 2012	ENGR	RA	230	Statics	47	38	0.20	172	861	2
		RD	260	Circuits And Devices	28	23	0.00			1
				Circuits And Devices - Honors	25	23	0.20	184	920	1
Spring 2013	ENGR	RA	230	Statics	35	23	0.20	143	714	2
		RD	260	Circuits And Devices	39	28	0.00			1
				Circuits And Devices - Honors	13	12	0.20	208	1,040	1
Spring 2015	ENGR	RJ	230	Statics	37	33	0.20	114	572	2
		RK	260	Circuits And Devices	31	28	0.20	195	975	1
				Circuits and Devices	34	26	0.00			1