



Productivity 2010/11 through 2014/15

Computer Information Systems (CIS)

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Productivity by Year

	Census Headcount	End of Term Headcount	FTEF	FTES	WSCH	Load	Sections	Max Enroll	Fill Rates
2010/11	198	138	1.00	21.26	638	638	8	240	82.5%
2011/12	333	201	1.60	33.63	1,009	631	13	390	85.4%
2012/13	136	107	1.52	20.47	614	404	8	215	63.3%
2013/14	296	228	3.20	49.40	1,482	463	13	417	71.0%
2014/15	370	264	3.84	50.02	1,501	391	17	537	68.9%

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	75	60	0.40	8.44	253	633	3	90	83.3%
Fall 2011	142	95	0.80	15.08	452	566	6	180	78.9%
Fall 2012	63	46	0.76	10.89	327	430	3	85	74.1%
Fall 2013	136	110	1.68	26.81	804	479	6	200	68.0%
Fall 2014	192	135	1.92	25.79	774	403	8	260	73.8%
Spring 2011	123	78	0.60	12.82	385	641	5	150	82.0%
Spring 2012	191	106	0.80	18.55	556	696	7	210	91.0%
Spring 2013	73	61	0.76	9.58	288	378	5	130	56.2%
Spring 2014	160	118	1.52	22.58	678	446	7	217	73.7%
Spring 2015	178	129	1.92	24.23	727	379	9	277	64.3%

DE vs Non DE Courses

		Census Headcount	End of Term Headcount	FTEF	FTES	WSCH	Load	Sections	Max Enroll	Fill Rates
Fall 2010	FaceToFace	46	36	0.40	5.05	152	379	2	60	76.7%
	Online	29	24	0.00	3.38	102	#INF	1	30	96.7%
	Total	75	60	0.40	8.44	253	633	3	90	83.3%
Fall 2011	FaceToFace	106	67	0.80	11.12	334	417	5	140	75.7%
	Online	36	28	0.00	3.96	119	#INF	1	40	90.0%
	Total	142	95	0.80	15.08	452	566	6	180	78.9%
Fall 2012	FaceToFace	39	26	0.56	6.01	180	322	2	55	70.9%
	Online	24	20	0.20	4.88	146	732	1	30	80.0%
	Total	63	46	0.76	10.89	327	430	3	85	74.1%
Fall 2013	FaceToFace	108	90	1.32	20.93	628	476	5	160	67.5%
	Online	28	20	0.36	5.88	176	490	1	40	70.0%
	Total	136	110	1.68	26.81	804	479	6	200	68.0%
Fall 2014	FaceToFace	163	118	1.56	19.70	591	379	7	220	74.1%
	Online	29	17	0.36	6.09	183	508	1	40	72.5%
	Total	192	135	1.92	25.79	774	403	8	260	73.8%
Spring 2011	FaceToFace	70	45	0.60	6.99	210	350	3	90	77.8%
	Online	53	33	0.00	5.83	175	#INF	2	60	88.3%
	Total	123	78	0.60	12.82	385	641	5	150	82.0%
Spring 2012	FaceToFace	107	63	0.80	10.53	316	395	4	120	89.2%
	Online	84	43	0.00	8.01	240	#INF	3	90	93.3%
	Total	191	106	0.80	18.55	556	696	7	210	91.0%
Spring 2013	FaceToFace	60	49	0.76	8.15	245	322	4	100	60.0%
	Online	13	12	0.00	1.43	43	#INF	1	30	43.3%
	Total	73	61	0.76	9.58	288	378	5	130	56.2%
Spring 2014	FaceToFace	125	94	1.16	15.23	457	394	6	182	68.7%
	Online	35	24	0.36	7.35	221	613	1	35	100.0%
	Total	160	118	1.52	22.58	678	446	7	217	73.7%
Spring 2015	FaceToFace	144	103	1.56	17.20	516	331	8	242	59.5%
	Online	34	26	0.36	7.03	211	586	1	35	97.1%
	Total	178	129	1.92	24.23	727	379	9	277	64.3%

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	75	60	0.40	8.44	253	633	3	90	83.3%
	Total	75	60	0.40	8.44	253	633	3	90	83.3%
Fall 2011	Non Basic Skills	142	95	0.80	15.08	452	566	6	180	78.9%
	Total	142	95	0.80	15.08	452	566	6	180	78.9%
Fall 2012	Non Basic Skills	63	46	0.76	10.89	327	430	3	85	74.1%
	Total	63	46	0.76	10.89	327	430	3	85	74.1%
Fall 2013	Non Basic Skills	136	110	1.68	26.81	804	479	6	200	68.0%
	Total	136	110	1.68	26.81	804	479	6	200	68.0%
Fall 2014	Non Basic Skills	192	135	1.92	25.79	774	403	8	260	73.8%
	Total	192	135	1.92	25.79	774	403	8	260	73.8%
Spring 2011	Non Basic Skills	123	78	0.60	12.82	385	641	5	150	82.0%
	Total	123	78	0.60	12.82	385	641	5	150	82.0%
Spring 2012	Non Basic Skills	191	106	0.80	18.55	556	696	7	210	91.0%
	Total	191	106	0.80	18.55	556	696	7	210	91.0%
Spring 2013	Non Basic Skills	73	61	0.76	9.58	288	378	5	130	56.2%
	Total	73	61	0.76	9.58	288	378	5	130	56.2%
Spring 2014	Non Basic Skills	160	118	1.52	22.58	678	446	7	217	73.7%
	Total	160	118	1.52	22.58	678	446	7	217	73.7%
Spring 2015	Non Basic Skills	178	129	1.92	24.23	727	379	9	277	64.3%
	Total	178	129	1.92	24.23	727	379	9	277	64.3%

CTE vs NonCTE Courses

		Census Headcount	End of Term Headcount	FTEF	FTES	WSCH	Load	Sections	Max Enroll	Fill Rates
Fall 2010	CTE	58	47	0.20	6.28	189	943	2	60	96.7%
	Non CTE	17	13	0.20	2.15	65	323	1	30	56.7%
	Total	75	60	0.40	8.44	253	633	3	90	83.3%
Fall 2011	CTE	108	68	0.40	11.34	340	851	4	120	90.0%
	Non CTE	34	27	0.40	3.74	112	281	2	60	56.7%
	Total	142	95	0.80	15.08	452	566	6	180	78.9%
Fall 2012	CTE	46	34	0.56	8.90	267	477	2	55	83.6%
	Non CTE	17	12	0.20	1.98	60	298	1	30	56.7%
	Total	63	46	0.76	10.89	327	430	3	85	74.1%
Fall 2013	CTE	118	97	1.48	24.71	741	501	5	170	69.4%
	Non CTE	18	13	0.20	2.10	63	315	1	30	60.0%
	Total	136	110	1.68	26.81	804	479	6	200	68.0%
Fall 2014	CTE	153	109	1.52	21.69	651	428	6	200	76.5%
	Non CTE	39	26	0.40	4.10	123	308	2	60	65.0%
	Total	192	135	1.92	25.79	774	403	8	260	73.8%
Spring 2011	CTE	106	66	0.40	11.12	334	834	4	120	88.3%
	Non CTE	17	12	0.20	1.70	51	255	1	30	56.7%
	Total	123	78	0.60	12.82	385	641	5	150	82.0%
Spring 2012	CTE	168	86	0.60	16.25	487	812	6	180	93.3%
	Non CTE	23	20	0.20	2.30	69	345	1	30	76.7%
	Total	191	106	0.80	18.55	556	696	7	210	91.0%
Spring 2013	CTE	45	41	0.56	6.78	204	363	3	90	50.0%
	Non CTE	28	20	0.20	2.80	84	420	2	40	70.0%
	Total	73	61	0.76	9.58	288	378	5	130	56.2%
Spring 2014	CTE	116	87	1.12	18.65	560	500	4	150	77.3%
	Non CTE	44	31	0.40	3.93	118	295	3	67	65.7%
	Total	160	118	1.52	22.58	678	446	7	217	73.7%
Spring 2015	CTE	156	117	1.72	22.33	670	389	7	240	65.0%
	Non CTE	22	12	0.20	1.90	57	286	2	37	59.5%
	Total	178	129	1.92	24.23	727	379	9	277	64.3%

Transfer vs Non Transfer Courses

		Census Headcount	End of Term Headcount	FTEF	FTES	WSCH	Load	Sections	Max Enroll	Fill Rates
Fall 2010	Y	75	60	0.40	8.44	253	633	3	90	83.3%
	Total	75	60	0.40	8.44	253	633	3	90	83.3%
Fall 2011	Y	142	95	0.80	15.08	452	566	6	180	78.9%
	Total	142	95	0.80	15.08	452	566	6	180	78.9%
Fall 2012	Y	63	46	0.76	10.89	327	430	3	85	74.1%
	Total	63	46	0.76	10.89	327	430	3	85	74.1%
Fall 2013	Y	136	110	1.68	26.81	804	479	6	200	68.0%
	Total	136	110	1.68	26.81	804	479	6	200	68.0%
Fall 2014	Y	192	135	1.92	25.79	774	403	8	260	73.8%
	Total	192	135	1.92	25.79	774	403	8	260	73.8%
Spring 2011	Y	123	78	0.60	12.82	385	641	5	150	82.0%
	Total	123	78	0.60	12.82	385	641	5	150	82.0%
Spring 2012	Y	191	106	0.80	18.55	556	696	7	210	91.0%
	Total	191	106	0.80	18.55	556	696	7	210	91.0%
Spring 2013	Y	73	61	0.76	9.58	288	378	5	130	56.2%
	Total	73	61	0.76	9.58	288	378	5	130	56.2%
Spring 2014	Y	160	118	1.52	22.58	678	446	7	217	73.7%
	Total	160	118	1.52	22.58	678	446	7	217	73.7%
Spring 2015	Y	178	129	1.92	24.23	727	379	9	277	64.3%
	Total	178	129	1.92	24.23	727	379	9	277	64.3%

Day vs Evening Courses

		Census Headcount	End of Term Headcount	FTEF	FTES	WSCH	Load	Sections	Max Enroll	Fill Rates
Fall 2010	D	29	23	0.20	2.90	87	435	1	30	96.7%
	E	46	37	0.20	5.54	166	831	2	60	76.7%
Fall 2011	D	54	32	0.40	5.40	162	405	2	60	90.0%
	E	88	63	0.40	9.68	290	726	4	120	73.3%
Fall 2012	D	24	20	0.20	4.88	146	732	1	30	80.0%
	E	39	26	0.56	6.01	180	322	2	55	70.9%
Fall 2013	D	90	77	1.12	18.83	565	505	4	130	69.2%
	E	46	33	0.56	7.98	239	428	2	70	65.7%
Fall 2014	D	143	105	1.36	17.50	525	386	6	190	75.3%
	E	49	30	0.56	8.29	249	444	2	70	70.0%
Spring 2011	D	27	19	0.20	2.52	76	378	1	30	90.0%
	E	96	59	0.40	10.30	309	773	4	120	80.0%
Spring 2012	D	59	32	0.40	5.73	172	430	2	60	98.3%
	E	132	74	0.40	12.81	384	961	5	150	88.0%
Spring 2013	D	32	29	0.56	5.35	161	287	2	60	53.3%
	E	41	32	0.20	4.23	127	635	3	70	58.6%
Spring 2014	D	101	77	0.96	12.83	385	401	5	152	66.4%
	E	59	41	0.56	9.75	293	522	2	65	90.8%
Spring 2015	D	128	97	1.36	15.60	468	344	7	212	60.4%
	E	50	32	0.56	8.63	259	462	2	65	76.9%

Productivity by Courses by Semester

				Census Headcount	End of Term Headcount	FTEF	FTES	WSCH	Load	Sections	Max Enroll	Fill Rate
Fall 2010	CIS	118	Intro to Object-Oriented Prgm	29	23	0.20	2.90	87	435	1	30	97%
		119	Open Computer Lab I	29	24	0.00	3.38	102	#INF	1	30	97%
		321	Programming for the iPhone	17	13	0.20	2.15	65	323	1	30	57%
	Total			75	60	0.40	8.44	253	633	3	90	83%
Fall 2011	CIS	118	Intro to Object-Oriented Prgm	54	32	0.40	5.40	162	405	2	60	90%
		119	Open Computer Lab	18	8	0.00	1.98	59	#INF	1	20	90%
			Open Computer Lab I	36	28	0.00	3.96	119	#INF	1	40	90%
		321	Programming for the iPhone	25	21	0.20	2.75	83	413	1	30	83%
		680C JavaScript for Web 2.0	9	6	0.20	0.99	30	149	1	30	30%	
	Total			142	95	0.80	15.08	452	566	6	180	79%
Fall 2012	CIS	118	Intro to Object-Oriented Prgm	46	34	0.56	8.90	267	477	2	55	84%
		321	iOS Programming	17	12	0.20	1.98	60	298	1	30	57%
	Total			63	46	0.76	10.89	327	430	3	85	74%
Fall 2013	CIS	118	Intro. to Computer Science	82	73	1.08	21.11	633	587	3	110	75%
		250	Intro to Obj Ori Program.: C++	36	24	0.40	3.60	108	270	2	60	60%
		321	iOS Programming	18	13	0.20	2.10	63	315	1	30	60%
	Total			136	110	1.68	26.81	804	479	6	200	68%
Fall 2014	CIS	118	Intro. to Computer Science	61	42	0.72	12.49	375	520	2	80	76%
		242	Comp. Arch. & Assembly Lang.	19	13	0.20	1.90	57	285	1	30	63%
		250	Intro to Obj Ori Program.: C++	54	39	0.40	5.40	162	405	2	60	90%
		252	Intro to Data Struct.: C++	24	20	0.20	2.40	72	360	1	30	80%
		284	Intro to Obj Orien Prog - Java	14	8	0.20	1.40	42	210	1	30	47%
		321	iOS Programming	20	13	0.20	2.20	66	330	1	30	67%
	Total			192	135	1.92	25.79	774	403	8	260	74%
Spring 2011	CIS	118	Intro to Object-Oriented Prgm	26	14	0.20	2.77	83	416	1	30	87%
		119	Open Computer Lab I	26	14	0.00	2.86	86	#INF	1	30	87%
		250	Programming Methods I: C++	27	19	0.20	2.52	76	378	1	30	90%
		251	Open Computer Lab I: C++	27	19	0.00	2.97	89	#INF	1	30	90%
		321	Programming for the iPhone	17	12	0.20	1.70	51	255	1	30	57%
	Total			123	78	0.60	12.82	385	641	5	150	82%

Productivity by Courses by Semester

				Census Headcount	End of Term Headcount	FTEF	FTES	WSCH	Load	Sections	Max Enroll	Fill Rate
Spring 2012	CIS	118	Intro to Object-Oriented Prgm	59	23	0.40	5.90	177	443	2	60	98%
		119	Open Computer Lab	25	11	0.00	2.25	68	#INF	1	30	83%
			Open Computer Lab I	34	12	0.00	3.51	105	#INF	1	30	113%
		250	Programming Methods I: C++	25	20	0.20	2.33	70	350	1	30	83%
		251	Open Computer Lab I: C++	25	20	0.00	2.25	68	#INF	1	30	83%
		321	iOS Programming	23	20	0.20	2.30	69	345	1	30	77%
	Total			191	106	0.80	18.55	556	696	7	210	91%
Spring 2013	CIS	118	Intro to Object-Oriented Prgm	19	17	0.36	4.05	122	338	1	30	63%
		250	Programming Methods I: C++	13	12	0.20	1.30	39	195	1	30	43%
		251	Open Computer Lab I: C++	13	12	0.00	1.43	43	#INF	1	30	43%
		321	iOS Programming	28	20	0.20	2.80	84	420	2	80	35%
	Total			73	61	0.76	9.58	288	378	5	170	43%
Spring 2014	CIS	118	Intro. to Computer Science	67	51	0.72	13.75	413	573	2	70	96%
		242	Comp. Arch. & Assembly Lang.	13	7	0.20	1.30	39	195	1	30	43%
		250	Intro to Obj Ori Program.: C++	49	36	0.40	4.90	147	368	2	80	61%
		321	iOS Programming	24	17	0.20	2.40	72	360	1	30	80%
		695	Independent Study	7	7	0.00	0.23	7	#INF	1	7	100%
	Total			160	118	1.52	22.58	678	446	7	217	74%
Spring 2015	CIS	118	Intro. to Computer Science	65	49	0.72	13.23	397	551	2	70	93%
		250	Intro to Obj Ori Program.: C++	48	37	0.40	4.80	144	360	2	80	60%
		252	Intro to Data Structures - C++	23	15	0.20	2.30	69	345	1	30	77%
		262	Discrete Math. for Comp Scienc	11	10	0.20	1.10	33	165	1	30	37%
		284	Intro to Obj Orien Prog - Java	9	6	0.20	0.90	27	135	1	30	30%
		321	iOS Programming	16	6	0.20	1.60	48	240	1	30	53%
		695	Independent Study	6	6	0.00	0.30	9	#INF	1	7	86%
	Total			178	129	1.92	24.23	727	379	9	277	64%

Productivity by Cross listed Courses by Semester									
				Census Headcount	End of Term Headcount	FTEF	WSCH Combined	Load Combined	Section

Spring 2013	CIS	RC	321	iOS Programming	28	20	0.20	84	420	2
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