



# Productivity 2008/09 through 2013/14

## Computer Business Office Technology (CBOT)

### Productivity by Year

	Census Headcount	End of Term Headcount	FTEF	FTES	WSCH	Load	Sections	Max Enroll	Fill Rates
2009/10	1,359	1,084	5.09	<b>117.28</b>	3,519	691	58	1,742	78.0%
2010/11	1,271	1,033	4.73	<b>80.44</b>	2,413	510	55	1,619	78.5%
2011/12	1,432	1,188	6.10	<b>85.58</b>	2,567	421	73	2,130	67.2%
2012/13	1,365	1,118	5.13	<b>69.51</b>	2,085	406	64	1,785	76.5%
2013/14	1,270	992	5.20	<b>67.07</b>	2,012	387	86	2,431	52.2%

### Productivity by Semester

	Census Headcount	End of Term Headcount	FTEF	FTES	WSCH	Load	Sections	Max Enroll	Fill Rates
Fall 2009	684	546	2.53	<b>64.53</b>	1,936	764	29	902	75.8%
Fall 2010	568	454	1.93	<b>37.05</b>	1,111	575	24	718	79.1%
Fall 2011	747	619	3.20	<b>41.88</b>	1,256	393	37	1,138	65.6%
Fall 2012	653	542	2.40	<b>31.50</b>	945	394	30	805	81.1%
Fall 2013	685	528	2.80	<b>36.05</b>	1,082	386	45	1,303	52.6%
Spring 2010	675	538	2.56	<b>52.75</b>	1,583	619	29	840	80.4%
Spring 2011	703	579	2.80	<b>43.40</b>	1,302	465	31	901	78.0%
Spring 2012	685	569	2.90	<b>43.70</b>	1,311	452	36	992	69.1%
Spring 2013	712	576	2.73	<b>38.01</b>	1,140	417	34	980	72.7%
Spring 2014	585	464	2.40	<b>31.02</b>	931	388	41	1,128	51.9%

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.

### DE vs Non DE Courses

		Census Headcount	End of Term Headcount	FTEF	FTES	WSCH	Load	Sections	Max Enroll	Fill Rates
Fall 2009	FaceToFace	659	530	2.43	<b>63.28</b>	1,899	780	28	877	75.1%
	Online	25	16	0.10	<b>1.25</b>	38	375	1	25	100.0%
	Total	684	546	2.53	<b>64.53</b>	1,936	764	29	902	75.8%
Fall 2010	FaceToFace	541	441	1.83	<b>35.25</b>	1,057	577	23	693	78.1%
	Online	27	13	0.10	<b>1.80</b>	54	541	1	25	108.0%
	Total	568	454	1.93	<b>37.05</b>	1,111	575	24	718	79.1%
Fall 2011	FaceToFace	747	619	3.20	<b>41.88</b>	1,256	393	37	1,138	65.6%
	Total	747	619	3.20	<b>41.88</b>	1,256	393	37	1,138	65.6%
Fall 2012	FaceToFace	653	542	2.40	<b>31.50</b>	945	394	30	805	81.1%
	Total	653	542	2.40	<b>31.50</b>	945	394	30	805	81.1%
Fall 2013	FaceToFace	670	516	2.70	<b>35.37</b>	1,061	393	44	1,268	52.8%
	Online	15	12	0.10	<b>0.69</b>	21	206	1	35	42.9%
	Total	685	528	2.80	<b>36.05</b>	1,082	386	45	1,303	52.6%
Spring 2010	FaceToFace	649	522	2.46	<b>50.41</b>	1,512	616	28	810	80.1%
	Online	26	16	0.10	<b>2.34</b>	70	702	1	30	86.7%
	Total	675	538	2.56	<b>52.75</b>	1,583	619	29	840	80.4%
Spring 2011	FaceToFace	703	579	2.80	<b>43.40</b>	1,302	465	31	901	78.0%
	Total	703	579	2.80	<b>43.40</b>	1,302	465	31	901	78.0%
Spring 2012	FaceToFace	685	569	2.90	<b>43.70</b>	1,311	452	36	992	69.1%
	Total	685	569	2.90	<b>43.70</b>	1,311	452	36	992	69.1%
Spring 2013	FaceToFace	712	576	2.73	<b>38.01</b>	1,140	417	34	980	72.7%
	Total	712	576	2.73	<b>38.01</b>	1,140	417	34	980	72.7%
Spring 2014	FaceToFace	585	464	2.40	<b>31.02</b>	931	388	41	1,128	51.9%
	Total	585	464	2.40	<b>31.02</b>	931	388	41	1,128	51.9%

### Basic Skills vs Non Basic Skills Courses

		Census Headcount	End of Term Headcount	FTEF	FTES	WSCH	Load	Sections	Max Enroll	Fill Rates
Fall 2009	Non Basic Skills	684	546	2.53	<b>64.53</b>	1,936	764	29	902	75.8%
	Total	684	546	2.53	<b>64.53</b>	1,936	764	29	902	75.8%
Fall 2010	Non Basic Skills	568	454	1.93	<b>37.05</b>	1,111	575	24	718	79.1%
	Total	568	454	1.93	<b>37.05</b>	1,111	575	24	718	79.1%
Fall 2011	Non Basic Skills	747	619	3.20	<b>41.88</b>	1,256	393	37	1,138	65.6%
	Total	747	619	3.20	<b>41.88</b>	1,256	393	37	1,138	65.6%
Fall 2012	Non Basic Skills	653	542	2.40	<b>31.50</b>	945	394	30	805	81.1%
	Total	653	542	2.40	<b>31.50</b>	945	394	30	805	81.1%
Fall 2013	Non Basic Skills	685	528	2.80	<b>36.05</b>	1,082	386	45	1,303	52.6%
	Total	685	528	2.80	<b>36.05</b>	1,082	386	45	1,303	52.6%
Spring 2010	Non Basic Skills	675	538	2.56	<b>52.75</b>	1,583	619	29	840	80.4%
	Total	675	538	2.56	<b>52.75</b>	1,583	619	29	840	80.4%
Spring 2011	Non Basic Skills	703	579	2.80	<b>43.40</b>	1,302	465	31	901	78.0%
	Total	703	579	2.80	<b>43.40</b>	1,302	465	31	901	78.0%
Spring 2012	Non Basic Skills	685	569	2.90	<b>43.70</b>	1,311	452	36	992	69.1%
	Total	685	569	2.90	<b>43.70</b>	1,311	452	36	992	69.1%
Spring 2013	Non Basic Skills	712	576	2.73	<b>38.01</b>	1,140	417	34	980	72.7%
	Total	712	576	2.73	<b>38.01</b>	1,140	417	34	980	72.7%
Spring 2014	Non Basic Skills	585	464	2.40	<b>31.02</b>	931	388	41	1,128	51.9%
	Total	585	464	2.40	<b>31.02</b>	931	388	41	1,128	51.9%

### CTE vs NonCTE Courses

		Census Headcount	End of Term Headcount	FTEF	FTES	WSCH	Load	Sections	Max Enroll	Fill Rates
Fall 2009	CTE	364	292	1.53	<b>38.58</b>	1,157	755	19	493	73.8%
	Non CTE	320	254	1.00	<b>25.95</b>	779	779	10	409	78.2%
	Total	684	546	2.53	<b>64.53</b>	1,936	764	29	902	75.8%
Fall 2010	CTE	318	268	1.03	<b>20.41</b>	612	593	15	402	79.1%
	Non CTE	250	186	0.90	<b>16.64</b>	499	555	9	316	79.1%
	Total	568	454	1.93	<b>37.05</b>	1,111	575	24	718	79.1%
Fall 2011	CTE	344	287	1.30	<b>19.77</b>	593	456	18	484	71.1%
	Non CTE	403	332	1.90	<b>22.11</b>	663	349	19	654	61.6%
	Total	747	619	3.20	<b>41.88</b>	1,256	393	37	1,138	65.6%
Fall 2012	CTE	398	334	1.40	<b>19.84</b>	595	425	20	470	84.7%
	Non CTE	255	208	1.00	<b>11.66</b>	350	350	10	335	76.1%
	Total	653	542	2.40	<b>31.50</b>	945	394	30	805	81.1%
Fall 2013	CTE	396	322	1.60	<b>22.19</b>	666	416	29	740	53.5%
	Non CTE	289	206	1.20	<b>13.86</b>	416	347	16	563	51.3%
	Total	685	528	2.80	<b>36.05</b>	1,082	386	45	1,303	52.6%
Spring 2010	CTE	349	285	1.30	<b>31.48</b>	944	726	17	445	78.4%
	Non CTE	326	253	1.26	<b>21.27</b>	638	508	12	395	82.5%
	Total	675	538	2.56	<b>52.75</b>	1,583	619	29	840	80.4%
Spring 2011	CTE	282	233	1.10	<b>18.04</b>	541	492	14	346	81.4%
	Non CTE	421	346	1.70	<b>25.35</b>	761	447	17	555	75.9%
	Total	703	579	2.80	<b>43.40</b>	1,302	465	31	901	78.0%
Spring 2012	CTE	371	316	1.60	<b>24.90</b>	747	467	23	550	67.5%
	Non CTE	314	253	1.30	<b>18.80</b>	564	434	13	442	71.0%
	Total	685	569	2.90	<b>43.70</b>	1,311	452	36	992	69.1%
Spring 2013	CTE	352	285	1.23	<b>20.37</b>	611	495	19	460	76.5%
	Non CTE	360	291	1.50	<b>17.64</b>	529	353	15	520	69.2%
	Total	712	576	2.73	<b>38.01</b>	1,140	417	34	980	72.7%
Spring 2014	CTE	275	219	1.20	<b>15.74</b>	472	393	27	621	44.3%
	Non CTE	310	245	1.20	<b>15.28</b>	458	382	14	507	61.1%
	Total	585	464	2.40	<b>31.02</b>	931	388	41	1,128	51.9%

### Transfer vs Non Transfer Courses

		Census Headcount	End of Term Headcount	FTEF	FTES	WSCH	Load	Sections	Max Enroll	Fill Rates
Fall 2009	Y	684	546	2.53	<b>64.53</b>	1,936	764	29	902	75.8%
	Total	684	546	2.53	<b>64.53</b>	1,936	764	29	902	75.8%
Fall 2010	Y	568	454	1.93	<b>37.05</b>	1,111	575	24	718	79.1%
	Total	568	454	1.93	<b>37.05</b>	1,111	575	24	718	79.1%
Fall 2011	Y	747	619	3.20	<b>41.88</b>	1,256	393	37	1,138	65.6%
	Total	747	619	3.20	<b>41.88</b>	1,256	393	37	1,138	65.6%
Fall 2012	Y	653	542	2.40	<b>31.50</b>	945	394	30	805	81.1%
	Total	653	542	2.40	<b>31.50</b>	945	394	30	805	81.1%
Fall 2013	Y	685	528	2.80	<b>36.05</b>	1,082	386	45	1,303	52.6%
	Total	685	528	2.80	<b>36.05</b>	1,082	386	45	1,303	52.6%
Spring 2010	Y	675	538	2.56	<b>52.75</b>	1,583	619	29	840	80.4%
	Total	675	538	2.56	<b>52.75</b>	1,583	619	29	840	80.4%
Spring 2011	Y	703	579	2.80	<b>43.40</b>	1,302	465	31	901	78.0%
	Total	703	579	2.80	<b>43.40</b>	1,302	465	31	901	78.0%
Spring 2012	Y	685	569	2.90	<b>43.70</b>	1,311	452	36	992	69.1%
	Total	685	569	2.90	<b>43.70</b>	1,311	452	36	992	69.1%
Spring 2013	Y	712	576	2.73	<b>38.01</b>	1,140	417	34	980	72.7%
	Total	712	576	2.73	<b>38.01</b>	1,140	417	34	980	72.7%
Spring 2014	Y	585	464	2.40	<b>31.02</b>	931	388	41	1,128	51.9%
	Total	585	464	2.40	<b>31.02</b>	931	388	41	1,128	51.9%

## Productivity by Courses by Semesters

			Census Headcount	End of Term Headcount	FTEF	FTES	WSCH	Load	Sections	Max Enroll	Fill Rate	
<b>Fall 2009</b>	CBOT	415	Beg. Computer Keyboarding	85	66	0.30	7.03	211	703	4	127	67%
		417	Skill Building	41	35	0.00	3.71	111	#INF	3	102	40%
		430	Computer Applications, Part I	172	144	0.50	14.00	420	840	5	182	95%
		431	Computer Applications, Part II	148	110	0.50	11.95	359	717	5	227	65%
		435	Spreadsheets	64	54	0.60	10.20	306	510	3	98	65%
		448	Using Microsoft Windows	29	19	0.10	2.56	77	769	1	28	104%
		457	Using Powerpoint in Business	25	20	0.13	2.14	64	482	1	28	89%
		472	Beginning Word Processing	62	51	0.20	6.60	198	990	3	86	72%
		474	Intermediate Word Processing	56	45	0.20	6.24	187	936	3	86	65%
		695	Independent Study	2	2	0.00	0.10	3	#INF	1	10	20%
	Total		684	546	2.53	64.53	1,936	764	29	974	70%	
<b>Fall 2010</b>	CBOT	415	Beg. Computer Keyboarding	118	92	0.30	7.24	217	724	4	129	91%
		417	Skill Building	35	31	0.00	1.98	60	#INF	3	104	34%
		430	Computer Applications, Part I	147	116	0.50	9.73	292	584	5	172	85%
		431	Computer Applications, Part II	103	70	0.40	6.91	207	518	4	144	72%
		435	Spreadsheets	46	42	0.40	4.92	148	369	2	68	68%
		457	Using Powerpoint in Business	25	16	0.13	1.73	52	389	1	35	71%
		472	Beginning Word Processing	47	44	0.10	2.22	67	667	2	65	72%
		474	Intermediate Word Processing	41	39	0.10	1.97	59	590	2	65	63%
		695	Independent Study	6	4	0.00	0.35	11	#INF	1	10	60%
	Total		568	454	1.93	37.05	1,111	575	24	792	72%	
<b>Fall 2011</b>	CBOT	415	Beg. Computer Keyboarding	104	88	0.30	6.00	180	600	4	120	87%
		417	Skill Building	42	41	0.00	2.16	65	#INF	4	120	35%
		430	Computer Applications, Part I	263	208	1.10	14.59	438	398	11	382	69%
		431	Computer Applications, Part II	140	124	0.80	7.52	226	282	8	272	51%
		435	Spreadsheets	45	39	0.40	4.85	146	364	2	68	66%
		448	Using Microsoft Windows	37	28	0.10	1.20	36	361	1	38	97%
		472	Beginning Word Processing	56	42	0.20	2.71	81	407	3	98	57%
		474	Intermediate Word Processing	41	36	0.20	1.89	57	284	3	98	42%
		476	Adobe Acrobat	19	13	0.10	0.96	29	287	1	32	59%

## Productivity by Courses by Semesters

		Census Headcount	End of Term Headcount	FTEF	FTES	WSCH	Load	Sections	Max Enroll	Fill Rate	
Total		747	619	3.20	41.88	1,256	393	37	1,228	61%	
Fall 2012	CBOT 415	Beg. Computer Keyboarding	179	144	0.50	8.63	259	518	6	190	94%
		Beginning Computer Keyboarding	20	20	0.10	0.91	27	274	1	30	67%
	417	Skill Building	45	40	0.00	2.08	62	#INF	6	190	24%
	430	Computer Applications, Part I	189	156	0.70	8.56	257	367	7	235	80%
	431	Computer Applications, Part II	66	52	0.30	3.10	93	310	3	100	66%
	435	Spreadsheets	37	30	0.20	3.70	111	555	1	35	106%
	448	Using Microsoft Windows	31	23	0.10	0.91	27	273	1	35	89%
	472	Beginning Word Processing	32	32	0.20	1.47	44	221	2	65	49%
	474	Intermediate Word Processing	27	23	0.20	1.24	37	186	2	65	42%
	476	Adobe Acrobat	27	22	0.10	0.90	27	271	1	35	77%
Total		653	542	2.40	31.50	945	394	30	980	67%	
Fall 2013	CBOT 415	Beg. Computer Keyboarding	182	137	0.40	8.75	263	656	7	230	79%
		Beginning Computer Keyboarding	23	23	0.10	1.05	32	315	1	30	77%
	417	Skill Building	34	28	0.00	1.55	47	#INF	8	260	13%
	430	Computer Applications, Part I	234	159	0.90	11.33	340	377	11	398	59%
	431	Computer Applications, Part II	55	47	0.30	2.54	76	254	5	165	33%
	435	Spreadsheets	39	33	0.40	3.72	112	279	3	95	41%
	436	Database Management	22	21	0.20	2.57	77	385	1	30	73%
	448	Using Microsoft Windows	22	19	0.10	1.17	35	352	1	35	63%
	472	Beginning Word Processing	22	19	0.10	0.96	29	289	3	95	23%
	474	Intermediate Word Processing	22	20	0.10	0.92	28	276	3	95	23%
	475	Using Outlook	15	12	0.10	0.69	21	206	1	35	43%
	476	Adobe Acrobat	15	10	0.10	0.80	24	240	1	35	43%
Total		685	528	2.80	36.05	1,082	386	45	1,503	46%	
Spring 2010	CBOT 415	Beg. Computer Keyboarding	98	72	0.30	8.48	254	847	4	125	78%
		Skill Building	29	24	0.00	2.51	75	#INF	3	95	31%
	430	Computer Applications, Part I	204	161	0.73	13.33	400	549	7	230	89%
	431	Computer Applications, Part II	122	92	0.53	7.94	238	451	5	165	74%
	435	Spreadsheets	38	33	0.40	5.32	160	399	2	60	63%
	436	Database Management	26	20	0.20	3.90	117	585	1	30	87%

## Productivity by Courses by Semesters

			Census Headcount	End of Term Headcount	FTEF	FTES	WSCH	Load	Sections	Max Enroll	Fill Rate
		472	54	44	0.10	3.90	117	1,170	2	65	83%
		474	46	38	0.10	3.31	99	992	2	65	71%
		475	30	29	0.10	2.10	63	631	1	30	100%
		476	26	24	0.10	1.82	55	547	1	30	87%
		695	2	1	0.00	0.13	4	#INF	1	10	20%
	Total		675	538	2.56	52.75	1,583	619	29	905	75%
Spring 2011	CBOT	415	89	68	0.20	5.41	162	811	3	100	89%
		417	40	35	0.00	2.25	68	#INF	3	100	40%
		430	256	209	0.90	15.34	460	511	9	295	87%
		431	165	137	0.80	10.02	300	376	8	260	63%
		435	34	32	0.40	3.40	102	255	2	65	52%
		436	21	16	0.20	2.10	63	315	1	35	60%
		472	40	36	0.10	2.05	62	615	2	65	62%
		474	32	30	0.10	1.64	49	492	2	65	49%
		475	26	16	0.10	1.19	36	357	1	28	93%
	Total		703	579	2.80	43.40	1,302	465	31	1,013	69%
Spring 2012	CBOT	415	167	138	0.60	10.05	302	503	7	226	74%
		417	43	36	0.00	2.83	85	#INF	7	226	19%
		430	211	169	0.80	12.49	375	468	8	268	79%
		431	103	84	0.50	6.31	189	378	5	174	59%
		435	47	42	0.40	4.70	141	353	2	68	69%
		436	21	18	0.20	2.45	74	368	1	34	62%
		472	38	33	0.10	2.00	60	600	2	62	61%
		474	31	28	0.10	1.63	49	489	2	62	50%
		475	11	10	0.10	0.57	17	170	1	34	32%
	480	13	11	0.10	0.67	20	201	1	34	38%	
	Total		685	569	2.90	43.70	1,311	452	36	1,188	58%
Spring 2013	CBOT	415	180	140	0.50	9.10	273	546	6	188	96%
		417	35	27	0.00	1.77	53	#INF	6	188	19%
		430	257	213	1.00	12.63	379	379	10	338	76%
		431	103	78	0.50	5.02	150	301	5	182	57%



### Productivity by Courses by Semesters

		Census Headcount	End of Term Headcount	FTEF	FTES	WSCH	Load	Sections	Max Enroll	Fill Rate		
	435	Spreadsheets	44	40	0.40	4.40	132	330	2	68	65%	
	457	Using Powerpoint in Business	22	17	0.13	1.47	44	330	1	38	58%	
	472	Beginning Word Processing	41	34	0.10	2.10	63	630	2	68	60%	
	474	Intermediate Word Processing	30	27	0.10	1.53	46	460	2	68	44%	
	Total		712	576	2.73	38.01	1,140	417	34	1,138	63%	
<b>Spring 2014</b>	CBOT	415	Beg. Computer Keyboarding	157	121	0.50	7.86	236	472	7	229	69%
		417	Skill Building	33	28	0.00	1.69	51	#INF	7	229	14%
		430	Computer Applications, Part I	225	180	0.90	11.26	338	375	10	363	62%
		431	Computer Applications, Part II	85	65	0.30	4.02	121	402	4	144	59%
		435	Spreadsheets	34	32	0.40	3.34	100	251	2	68	50%
		448	Using Microsoft Windows	0	0	0.00	0.00	0		1	25	0%
		457	Using Powerpoint in Business	0	0	0.00	0.00	0		1	34	0%
		472	Beginning Word Processing	33	22	0.20	1.70	51	255	4	117	28%
		474	Intermediate Word Processing	17	15	0.10	0.87	26	262	4	117	15%
		695	Independent Study	1	1	0.00	0.27	8	#INF	1	1	100%
	Total		585	464	2.40	31.02	931	388	41	1,327	44%	