



# Productivity 2008/09 through 2013/14

## Physics (PHYS)

### Productivity by Year

	<b>Census Headcount</b>	<b>End of Term Headcount</b>	<b>FTEF</b>	<b>FTES</b>	<b>WSCH</b>	<b>Load</b>	<b>Sections</b>	<b>Max Enroll</b>	<b>Fill Rates</b>
2009/10	196	159	2.88	<b>38.62</b>	1,159	402	9	222	88.3%
2010/11	235	189	2.88	<b>46.18</b>	1,385	481	9	230	102.2%
2011/12	299	225	4.61	<b>57.48</b>	1,724	374	16	400	74.8%
2012/13	305	219	4.81	<b>59.39</b>	1,782	370	16	396	77.0%
2013/14	314	243	4.93	<b>62.85</b>	1,886	382	18	444	70.7%

### Productivity by Semester

	<b>Census Headcount</b>	<b>End of Term Headcount</b>	<b>FTEF</b>	<b>FTES</b>	<b>WSCH</b>	<b>Load</b>	<b>Sections</b>	<b>Max Enroll</b>	<b>Fill Rates</b>
Fall 2009	108	85	1.44	<b>19.99</b>	600	417	5	126	85.7%
Fall 2010	132	107	1.44	<b>24.96</b>	749	520	5	134	98.5%
Fall 2011	174	131	2.23	<b>32.73</b>	982	441	8	208	83.7%
Fall 2012	170	110	2.59	<b>32.28</b>	968	374	9	228	74.6%
Fall 2013	165	123	2.39	<b>31.99</b>	960	402	9	228	72.4%
Spring 2010	88	74	1.44	<b>18.63</b>	559	388	4	96	91.7%
Spring 2011	103	82	1.44	<b>21.22</b>	637	442	4	96	107.3%
Spring 2012	125	94	2.39	<b>24.75</b>	743	311	8	192	65.1%
Spring 2013	135	109	2.23	<b>27.11</b>	813	365	7	168	80.4%
Spring 2014	149	120	2.55	<b>30.87</b>	926	364	9	216	69.0%

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

		<b>Census Headcount</b>	<b>End of Term Headcount</b>	<b>FTEF</b>	<b>FTES</b>	<b>WSCH</b>	<b>Load</b>	<b>Sections</b>	<b>Max Enroll</b>	<b>Fill Rates</b>
Fall 2009	FaceToFace	108	85	1.44	<b>19.99</b>	600	417	5	126	85.7%
	Total	108	85	1.44	<b>19.99</b>	600	417	5	126	85.7%
Fall 2010	FaceToFace	132	107	1.44	<b>24.96</b>	749	520	5	134	98.5%
	Total	132	107	1.44	<b>24.96</b>	749	520	5	134	98.5%
Fall 2011	FaceToFace	174	131	2.23	<b>32.73</b>	982	441	8	208	83.7%
	Total	174	131	2.23	<b>32.73</b>	982	441	8	208	83.7%
Fall 2012	FaceToFace	170	110	2.59	<b>32.28</b>	968	374	9	228	74.6%
	Total	170	110	2.59	<b>32.28</b>	968	374	9	228	74.6%
Fall 2013	FaceToFace	165	123	2.39	<b>31.99</b>	960	402	9	228	72.4%
	Total	165	123	2.39	<b>31.99</b>	960	402	9	228	72.4%
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	Total	88	74	1.44	<b>18.63</b>	559	388	4	96	91.7%
Spring 2011	FaceToFace	103	82	1.44	<b>21.22</b>	637	442	4	96	107.3%
	Total	103	82	1.44	<b>21.22</b>	637	442	4	96	107.3%
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	Total	125	94	2.39	<b>24.75</b>	743	311	8	192	65.1%
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	Total	135	109	2.23	<b>27.11</b>	813	365	7	168	80.4%
Spring 2014	FaceToFace	149	120	2.55	<b>30.87</b>	926	364	9	216	69.0%
	Total	149	120	2.55	<b>30.87</b>	926	364	9	216	69.0%

### 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	108	85	1.44	<b>19.99</b>	600	417	5	126	85.7%
	Total	108	85	1.44	<b>19.99</b>	600	417	5	126	85.7%
Fall 2010	Non Basic Skills	132	107	1.44	<b>24.96</b>	749	520	5	134	98.5%
	Total	132	107	1.44	<b>24.96</b>	749	520	5	134	98.5%
Fall 2011	Non Basic Skills	174	131	2.23	<b>32.73</b>	982	441	8	208	83.7%
	Total	174	131	2.23	<b>32.73</b>	982	441	8	208	83.7%
Fall 2012	Non Basic Skills	170	110	2.59	<b>32.28</b>	968	374	9	228	74.6%
	Total	170	110	2.59	<b>32.28</b>	968	374	9	228	74.6%
Fall 2013	Non Basic Skills	165	123	2.39	<b>31.99</b>	960	402	9	228	72.4%
	Total	165	123	2.39	<b>31.99</b>	960	402	9	228	72.4%
Spring 2010	Non Basic Skills	88	74	1.44	<b>18.63</b>	559	388	4	96	91.7%
	Total	88	74	1.44	<b>18.63</b>	559	388	4	96	91.7%
Spring 2011	Non Basic Skills	103	82	1.44	<b>21.22</b>	637	442	4	96	107.3%
	Total	103	82	1.44	<b>21.22</b>	637	442	4	96	107.3%
Spring 2012	Non Basic Skills	125	94	2.39	<b>24.75</b>	743	311	8	192	65.1%
	Total	125	94	2.39	<b>24.75</b>	743	311	8	192	65.1%
Spring 2013	Non Basic Skills	135	109	2.23	<b>27.11</b>	813	365	7	168	80.4%
	Total	135	109	2.23	<b>27.11</b>	813	365	7	168	80.4%
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	Total	149	120	2.55	<b>30.87</b>	926	364	9	216	69.0%

**CTE vs NonCTE Courses**

		<b>Census Headcount</b>	<b>End of Term Headcount</b>	<b>FTEF</b>	<b>FTES</b>	<b>WSCH</b>	<b>Load</b>	<b>Sections</b>	<b>Max Enroll</b>	<b>Fill Rates</b>
Fall 2009	Non CTE	108	85	1.44	<b>19.99</b>	600	417	5	126	85.7%
	Total	108	85	1.44	<b>19.99</b>	600	417	5	126	85.7%
Fall 2010	Non CTE	132	107	1.44	<b>24.96</b>	749	520	5	134	98.5%
	Total	132	107	1.44	<b>24.96</b>	749	520	5	134	98.5%
Fall 2011	Non CTE	174	131	2.23	<b>32.73</b>	982	441	8	208	83.7%
	Total	174	131	2.23	<b>32.73</b>	982	441	8	208	83.7%
Fall 2012	Non CTE	170	110	2.59	<b>32.28</b>	968	374	9	228	74.6%
	Total	170	110	2.59	<b>32.28</b>	968	374	9	228	74.6%
Fall 2013	Non CTE	165	123	2.39	<b>31.99</b>	960	402	9	228	72.4%
	Total	165	123	2.39	<b>31.99</b>	960	402	9	228	72.4%
Spring 2010	Non CTE	88	74	1.44	<b>18.63</b>	559	388	4	96	91.7%
	Total	88	74	1.44	<b>18.63</b>	559	388	4	96	91.7%
Spring 2011	Non CTE	103	82	1.44	<b>21.22</b>	637	442	4	96	107.3%
	Total	103	82	1.44	<b>21.22</b>	637	442	4	96	107.3%
Spring 2012	Non CTE	125	94	2.39	<b>24.75</b>	743	311	8	192	65.1%
	Total	125	94	2.39	<b>24.75</b>	743	311	8	192	65.1%
Spring 2013	Non CTE	135	109	2.23	<b>27.11</b>	813	365	7	168	80.4%
	Total	135	109	2.23	<b>27.11</b>	813	365	7	168	80.4%
Spring 2014	Non CTE	149	120	2.55	<b>30.87</b>	926	364	9	216	69.0%
	Total	149	120	2.55	<b>30.87</b>	926	364	9	216	69.0%

### Transfer vs Non Transfer Courses

		<b>Census Headcount</b>	<b>End of Term Headcount</b>	<b>FTEF</b>	<b>FTES</b>	<b>WSCH</b>	<b>Load</b>	<b>Sections</b>	<b>Max Enroll</b>	<b>Fill Rates</b>
Fall 2009	Y	108	85	1.44	<b>19.99</b>	600	417	5	126	85.7%
	Total	108	85	1.44	<b>19.99</b>	600	417	5	126	85.7%
Fall 2010	Y	132	107	1.44	<b>24.96</b>	749	520	5	134	98.5%
	Total	132	107	1.44	<b>24.96</b>	749	520	5	134	98.5%
Fall 2011	Y	174	131	2.23	<b>32.73</b>	982	441	8	208	83.7%
	Total	174	131	2.23	<b>32.73</b>	982	441	8	208	83.7%
Fall 2012	Y	170	110	2.59	<b>32.28</b>	968	374	9	228	74.6%
	Total	170	110	2.59	<b>32.28</b>	968	374	9	228	74.6%
Fall 2013	Y	165	123	2.39	<b>31.99</b>	960	402	9	228	72.4%
	Total	165	123	2.39	<b>31.99</b>	960	402	9	228	72.4%
Spring 2010	Y	88	74	1.44	<b>18.63</b>	559	388	4	96	91.7%
	Total	88	74	1.44	<b>18.63</b>	559	388	4	96	91.7%
Spring 2011	Y	103	82	1.44	<b>21.22</b>	637	442	4	96	107.3%
	Total	103	82	1.44	<b>21.22</b>	637	442	4	96	107.3%
Spring 2012	Y	125	94	2.39	<b>24.75</b>	743	311	8	192	65.1%
	Total	125	94	2.39	<b>24.75</b>	743	311	8	192	65.1%
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	Total	135	109	2.23	<b>27.11</b>	813	365	7	168	80.4%
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	Total	149	120	2.55	<b>30.87</b>	926	364	9	216	69.0%

## Productivity by Courses by Semesters

				Census Headcount	End of Term Headcount	FTEF	FTES	WSCH	Load	Sections	Max Enroll	Fill Rate
<b>Fall 2009</b>	PHYS	210	General Physics I	40	28	0.52	8.00	240	462	2	48	83%
		250	Physics with Calculus I	26	19	0.36	5.89	177	491	1	24	108%
		260	Physics with Calculus II	19	15	0.36	3.80	114	317	1	24	79%
		405	Applied Radiographic Physics	23	23	0.20	2.30	69	345	1	30	77%
		Total		108	85	1.44	19.99	600	417	5	126	86%
<b>Fall 2010</b>	PHYS	210	General Physics I	49	38	0.52	9.80	294	565	2	56	88%
		250	Physics with Calculus I	36	27	0.36	8.16	245	680	1	24	150%
		260	Physics with Calculus II	23	20	0.36	4.60	138	383	1	24	96%
		405	Applied Radiographic Physics	24	22	0.20	2.40	72	360	1	30	80%
		Total		132	107	1.44	24.96	749	520	5	134	99%
<b>Fall 2011</b>	PHYS	210	General Physics I	87	56	0.88	18.27	548	623	3	76	114%
		211	General Physics I-Calculus Sup	6	4	0.07	0.20	6	90	1	30	20%
		250	Physics with Calculus I	38	31	0.72	7.86	236	328	2	48	79%
		260	Physics with Calculus II	21	19	0.36	4.20	126	350	1	24	88%
		405	Applied Radiographic Physics	22	21	0.20	2.20	66	330	1	30	73%
		Total		174	131	2.23	32.73	982	441	8	208	84%
<b>Fall 2012</b>	PHYS	210	General Physics I	77	39	1.24	15.91	477	385	4	96	80%
		211	General Physics I-Calculus Sup	5	5	0.07	0.17	5	75	1	30	17%
		250	Physics with Calculus I	46	29	0.72	9.71	291	404	2	48	96%
		260	Physics with Calculus II	23	19	0.36	4.60	138	383	1	24	96%
		405	Applied Radiographic Physics	19	18	0.20	1.90	57	285	1	30	63%
		Total		170	110	2.59	32.28	968	374	9	228	75%
<b>Fall 2013</b>	PHYS	210	General Physics I	62	42	0.88	12.91	387	440	3	72	86%
		211	General Physics I-Calculus Sup	3	3	0.07	0.10	3	45	1	30	10%
		250	Physics with Calculus I	57	46	0.88	12.04	361	410	3	72	79%
		260	Physics with Calculus II	22	14	0.36	4.84	145	403	1	24	92%
		405	Applied Radiographic Physics	21	18	0.20	2.10	63	315	1	30	70%
		Total		165	123	2.39	31.99	960	402	9	228	72%
<b>Spring 2010</b>	PHYS	220	General Physics II	18	18	0.36	3.60	108	300	1	24	75%
		250	Physics with Calculus I	30	22	0.36	6.80	204	567	1	24	125%

## Productivity by Courses by Semesters

			Census Headcount	End of Term Headcount	FTEF	FTES	WSCH	Load	Sections	Max Enroll	Fill Rate	
		260	Physics with Calculus II	17	16	0.36	3.63	109	302	1	24	71%
		270	Physics with Calculus III	23	18	0.36	4.60	138	383	1	24	96%
		Total		88	74	1.44	18.63	559	388	4	96	92%
<b>Spring 2011</b>	PHYS	220	General Physics II	23	19	0.36	4.83	145	403	1	24	96%
		250	Physics with Calculus I	29	18	0.36	6.19	186	516	1	24	121%
		260	Physics with Calculus II	20	18	0.36	4.00	120	333	1	24	83%
		270	Physics with Calculus III	31	27	0.36	6.20	186	517	1	24	129%
		Total		103	82	1.44	21.22	637	442	4	96	107%
<b>Spring 2012</b>	PHYS	220	General Physics II	41	36	0.88	8.42	253	287	3	72	57%
		221	Gen Physics II Calculus Sup	4	2	0.07	0.13	4	60	1	24	17%
		250	Physics with Calculus I	40	22	0.72	8.00	240	333	2	48	83%
		260	Physics with Calculus II	20	17	0.36	4.00	120	333	1	24	83%
		270	Physics with Calculus III	20	17	0.36	4.20	126	350	1	24	83%
	Total		125	94	2.39	24.75	743	311	8	192	65%	
<b>Spring 2013</b>	PHYS	220	General Physics II	27	21	0.72	5.68	171	237	2	48	56%
		221	Gen Physics II Calculus Sup	3	3	0.07	0.10	3	45	1	24	13%
		250	Physics with Calculus I	58	41	0.72	11.60	348	483	2	48	121%
		260	Physics with Calculus II	14	14	0.36	2.80	84	233	1	24	58%
		270	Physics with Calculus III	33	30	0.36	6.93	208	578	1	24	138%
	Total		135	109	2.23	27.11	813	365	7	168	80%	
<b>Spring 2014</b>	PHYS	220	General Physics II	35	29	0.72	7.42	223	309	2	48	73%
		221	Gen Physics II Calculus Sup	2	2	0.07	0.07	2	30	1	24	8%
		250	Physics with Calculus I	40	24	0.88	8.00	240	273	3	72	56%
		260	Physics with Calculus II	42	37	0.52	9.38	281	541	2	48	88%
		270	Physics with Calculus III	30	28	0.36	6.00	180	500	1	24	125%
	Total		149	120	2.55	30.87	926	364	9	216	69%	

