



Productivity 2013/14 through 2017/18 Cooperative Education (COOP)

List of Tables:

1. Productivity by Year
2. Productivity by Semester
3. DE vs Non-DE Courses
4. Basic Skills vs Non-Basic Skills Courses
5. CTE vs Non-CTE Courses
6. Transfer vs Non-Transfer Courses
7. Day vs. Evening Courses
8. Productivity by Courses by Semester

Productivity by Year

	Census Headcount	End of Term Headcount	FTEF	FTES	WSCH	Load	Sections	Max Enroll	Fill Rates
2013/14	243	191	1.91	24.98	750	392	7	380	63.9%
2014/15	256	222	2.03	25.10	753	371	3	265	96.6%
2015/16	238	189	1.88	24.33	730	388	3	261	91.2%
2016/17	253	213	1.91	24.70	741	388	3	240	105.4%
2017/18	224	192	1.77	22.87	686	387	2	220	101.8%

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.

Data Source: SMCCD Data Warehouse

Productivity by Semester

	Census Headcount	End of Term Headcount	FTEF	FTES	WSCH	Load	Sections	Max Enroll	Fill Rates
Fall 2013	89	66	0.77	10.32	310	400	4	180	49.4%
Fall 2014	112	100	0.83	10.75	323	387	1	110	101.8%
Fall 2015	111	86	0.89	11.45	344	385	1	110	100.9%
Fall 2016	114	94	0.88	11.23	337	382	1	110	103.6%
Fall 2017	113	101	0.89	10.73	322	361	1	110	102.7%
Spring 2014	103	81	0.75	11.00	330	438	1	100	103.0%
Spring 2015	101	81	0.84	10.05	302	358	1	105	96.2%
Spring 2016	104	86	0.81	10.58	318	391	1	101	103.0%
Spring 2017	119	101	0.88	11.47	344	389	1	110	108.2%
Spring 2018	111	91	0.88	12.13	364	412	1	110	100.9%
Summer 2013	51	44	0.39	3.67	110	285	2	100	51.0%
Summer 2014	43	41	0.35	4.30	129	365	1	50	86.0%
Summer 2015	23	17	0.18	2.30	69	390	1	50	46.0%
Summer 2016	20	18	0.14	2.00	60	415	1	20	100.0%

<u>DE vs Non DE Courses</u>										
		Census Headcount	End of Term Headcount	FTEF	FTES	WSCH	Load	Sections	Max Enroll	Fill Rates
Fall 2013	FaceToFace	89	66	0.77	10.32	310	400	4	180	49.4%
Fall 2014	FaceToFace	112	100	0.83	10.75	323	387	1	110	101.8%
Fall 2015	FaceToFace	111	86	0.89	11.45	344	385	1	110	100.9%
Fall 2016	FaceToFace	114	94	0.88	11.23	337	382	1	110	103.6%
Fall 2017	FaceToFace	113	101	0.89	10.73	322	361	1	110	102.7%
Spring 2014	FaceToFace	103	81	0.75	11.00	330	438	1	100	103.0%
Spring 2015	FaceToFace	101	81	0.84	10.05	302	358	1	105	96.2%
Spring 2016	FaceToFace	104	86	0.81	10.58	318	391	1	101	103.0%
Spring 2017	FaceToFace	119	101	0.88	11.47	344	389	1	110	108.2%
Spring 2018	FaceToFace	111	91	0.88	12.13	364	412	1	110	100.9%
Summer 2013	FaceToFace	51	44	0.39	3.67	110	285	2	100	51.0%
Summer 2014	FaceToFace	43	41	0.35	4.30	129	365	1	50	86.0%
Summer 2015	FaceToFace	23	17	0.18	2.30	69	390	1	50	46.0%
Summer 2016	FaceToFace	20	18	0.14	2.00	60	415	1	20	100.0%

Basic Skills vs Non Basic Skills Courses

		Census Headcount	End of Term Headcount	FTEF	FTES	WSCH	Load	Sections	Max Enroll	Fill Rates
Fall 2013	Non Basic Skills	89	66	0.77	10.32	310	400	4	180	49.4%
	Total	89	66	0.77	10.32	310	400	4	180	49.4%
Fall 2014	Non Basic Skills	112	100	0.83	10.75	323	387	1	110	101.8%
	Total	112	100	0.83	10.75	323	387	1	110	101.8%
Fall 2015	Non Basic Skills	111	86	0.89	11.45	344	385	1	110	100.9%
	Total	111	86	0.89	11.45	344	385	1	110	100.9%
Fall 2016	Non Basic Skills	114	94	0.88	11.23	337	382	1	110	103.6%
	Total	114	94	0.88	11.23	337	382	1	110	103.6%
Fall 2017	Non Basic Skills	113	101	0.89	10.73	322	361	1	110	102.7%
	Total	113	101	0.89	10.73	322	361	1	110	102.7%
Spring 2014	Non Basic Skills	103	81	0.75	11.00	330	438	1	100	103.0%
	Total	103	81	0.75	11.00	330	438	1	100	103.0%
Spring 2015	Non Basic Skills	101	81	0.84	10.05	302	358	1	105	96.2%
	Total	101	81	0.84	10.05	302	358	1	105	96.2%
Spring 2016	Non Basic Skills	104	86	0.81	10.58	318	391	1	101	103.0%
	Total	104	86	0.81	10.58	318	391	1	101	103.0%
Spring 2017	Non Basic Skills	119	101	0.88	11.47	344	389	1	110	108.2%
	Total	119	101	0.88	11.47	344	389	1	110	108.2%
Spring 2018	Non Basic Skills	111	91	0.88	12.13	364	412	1	110	100.9%
	Total	111	91	0.88	12.13	364	412	1	110	100.9%
Summer 2013	Non Basic Skills	51	44	0.39	3.67	110	285	2	100	51.0%
	Total	51	44	0.39	3.67	110	285	2	100	51.0%
Summer 2014	Non Basic Skills	43	41	0.35	4.30	129	365	1	50	86.0%
	Total	43	41	0.35	4.30	129	365	1	50	86.0%
Summer 2015	Non Basic Skills	23	17	0.18	2.30	69	390	1	50	46.0%
	Total	23	17	0.18	2.30	69	390	1	50	46.0%
Summer 2016	Non Basic Skills	20	18	0.14	2.00	60	415	1	20	100.0%

Basic Skills vs Non Basic Skills Courses

	Census Headcount	End of Term Headcount	FTEF	FTES	WSCH	Load	Sections	Max Enroll	Fill Rates
Total	20	18	0.14	2.00	60	415	1	20	100.0%

CTE vs NonCTE Courses

		Census Headcount	End of Term Headcount	FTEF	FTES	WSCH	Load	Sections	Max Enroll	Fill Rates
Fall 2013	CTE	89	66	0.77	10.32	310	400	4	180	49.4%
	Total	89	66	0.77	10.32	310	400	4	180	49.4%
Fall 2014	CTE	112	100	0.83	10.75	323	387	1	110	101.8%
	Total	112	100	0.83	10.75	323	387	1	110	101.8%
Fall 2015	CTE	111	86	0.89	11.45	344	385	1	110	100.9%
	Total	111	86	0.89	11.45	344	385	1	110	100.9%
Fall 2016	CTE	114	94	0.88	11.23	337	382	1	110	103.6%
	Total	114	94	0.88	11.23	337	382	1	110	103.6%
Fall 2017	CTE	113	101	0.89	10.73	322	361	1	110	102.7%
	Total	113	101	0.89	10.73	322	361	1	110	102.7%
Spring 2014	CTE	103	81	0.75	11.00	330	438	1	100	103.0%
	Total	103	81	0.75	11.00	330	438	1	100	103.0%
Spring 2015	CTE	101	81	0.84	10.05	302	358	1	105	96.2%
	Total	101	81	0.84	10.05	302	358	1	105	96.2%
Spring 2016	CTE	104	86	0.81	10.58	318	391	1	101	103.0%
	Total	104	86	0.81	10.58	318	391	1	101	103.0%
Spring 2017	CTE	119	101	0.88	11.47	344	389	1	110	108.2%

		<u>CTE vs NonCTE Courses</u>								
		Census Headcount	End of Term Headcount	FTEF	FTES	WSCH	Load	Sections	Max Enroll	Fill Rates
Spring 2018	Total	119	101	0.88	11.47	344	389	1	110	108.2%
	CTE	111	91	0.88	12.13	364	412	1	110	100.9%
Summer 2013	Total	111	91	0.88	12.13	364	412	1	110	100.9%
	CTE	51	44	0.39	3.67	110	285	2	100	51.0%
Summer 2014	Total	51	44	0.39	3.67	110	285	2	100	51.0%
	CTE	43	41	0.35	4.30	129	365	1	50	86.0%
Summer 2015	Total	43	41	0.35	4.30	129	365	1	50	86.0%
	CTE	23	17	0.18	2.30	69	390	1	50	46.0%
Summer 2016	Total	23	17	0.18	2.30	69	390	1	50	46.0%
	CTE	20	18	0.14	2.00	60	415	1	20	100.0%
	Total	20	18	0.14	2.00	60	415	1	20	100.0%

		<u>Transfer vs Non Transfer Courses</u>								
		Census Headcount	End of Term Headcount	FTEF	FTES	WSCH	Load	Sections	Max Enroll	Fill Rates
Fall 2013	No	89	66	0.77	10.32	310	400	4	180	49.4%
	Total	89	66	0.77	10.32	310	400	4	180	49.4%
Fall 2014	No	112	100	0.83	10.75	323	387	1	110	101.8%
	Total	112	100	0.83	10.75	323	387	1	110	101.8%
Fall 2015	No	111	86	0.89	11.45	344	385	1	110	100.9%
	Total	111	86	0.89	11.45	344	385	1	110	100.9%
Fall 2016	No	114	94	0.88	11.23	337	382	1	110	103.6%
	Total	114	94	0.88	11.23	337	382	1	110	103.6%
Fall 2017	No	113	101	0.89	10.73	322	361	1	110	102.7%
	Total	113	101	0.89	10.73	322	361	1	110	102.7%
Spring 2014	No	103	81	0.75	11.00	330	438	1	100	103.0%
	Total	103	81	0.75	11.00	330	438	1	100	103.0%
Spring 2015	No	101	81	0.84	10.05	302	358	1	105	96.2%
	Total	101	81	0.84	10.05	302	358	1	105	96.2%
Spring 2016	No	104	86	0.81	10.58	318	391	1	101	103.0%
	Total	104	86	0.81	10.58	318	391	1	101	103.0%
Spring 2017	No	119	101	0.88	11.47	344	389	1	110	108.2%
	Total	119	101	0.88	11.47	344	389	1	110	108.2%
Spring 2018	No	111	91	0.88	12.13	364	412	1	110	100.9%
	Total	111	91	0.88	12.13	364	412	1	110	100.9%
Summer 2013	Yes	15	15	0.11	0.80	24	212	1	50	30.0%
	No	36	29	0.27	2.87	86	315	1	50	72.0%
	Total	51	44	0.39	3.67	110	285	2	100	51.0%

		<u>Transfer vs Non Transfer Courses</u>								
		Census Headcount	End of Term Headcount	FTEF	FTES	WSCH	Load	Sections	Max Enroll	Fill Rates
Summer 2014	No	43	41	0.35	4.30	129	365	1	50	86.0%
	Total	43	41	0.35	4.30	129	365	1	50	86.0%
Summer 2015	No	23	17	0.18	2.30	69	390	1	50	46.0%
	Total	23	17	0.18	2.30	69	390	1	50	46.0%
Summer 2016	No	20	18	0.14	2.00	60	415	1	20	100.0%
	Total	20	18	0.14	2.00	60	415	1	20	100.0%

Day vs Evening Courses

		Census Headcount	End of Term Headcount	FTEF	FTES	WSCH	Load	Sections	Max Enroll	Fill Rates
Fall 2013	Day	89	66	0.77	10.32	310	400	4	180	49.4%
Fall 2014	Day	112	100	0.83	10.75	323	387	1	110	101.8%
Fall 2015	Day	111	86	0.89	11.45	344	385	1	110	100.9%
Fall 2016	Evening	114	94	0.88	11.23	337	382	1	110	103.6%
Fall 2017	Evening	113	101	0.89	10.73	322	361	1	110	102.7%
Spring 2014	Day	103	81	0.75	11.00	330	438	1	100	103.0%
Spring 2015	Day	101	81	0.84	10.05	302	358	1	105	96.2%
Spring 2016	Day	104	86	0.81	10.58	318	391	1	101	103.0%
Spring 2017	Day	119	101	0.88	11.47	344	389	1	110	108.2%
Spring 2018	Day	111	91	0.88	12.13	364	412	1	110	100.9%
Summer 2013	Evening	51	44	0.39	3.67	110	285	2	100	51.0%
Summer 2014	Day	43	41	0.35	4.30	129	365	1	50	86.0%
Summer 2015	Day	23	17	0.18	2.30	69	390	1	50	46.0%
Summer 2016	Day	20	18	0.14	2.00	60	415	1	20	100.0%

Productivity by Courses by Semester

				Census Headcount	End of Term Headcount	FTEF	FTES	WSCH	Load	Sections	Max Enroll	Fill Rate
Fall 2013	COOP	670	Cooperative Ed/Work Experience	89	66	0.77	10.32	310	400	4	180	49%
	Total			89	66	0.77	10.32	310	400	4	180	49%
Fall 2014	COOP	670	Cooperative Ed/Work Experience	112	100	0.83	10.75	323	387	1	110	102%
	Total			112	100	0.83	10.75	323	387	1	110	102%
Fall 2015	COOP	670	Cooperative Ed/Work Experience	111	86	0.89	11.45	344	385	1	110	101%
	Total			111	86	0.89	11.45	344	385	1	110	101%
Fall 2016	COOP	670	Cooperative Ed/Work Experience	114	94	0.88	11.23	337	382	1	110	104%
	Total			114	94	0.88	11.23	337	382	1	110	104%
Fall 2017	COOP	670	Cooperative Ed/Work Experience	113	101	0.89	10.73	322	361	1	110	103%
	Total			113	101	0.89	10.73	322	361	1	110	103%
Spring 2014	COOP	670	Cooperative Educ./Work Exp.	103	81	0.75	11.00	330	438	1	100	103%
	Total			103	81	0.75	11.00	330	438	1	100	103%
Spring 2015	COOP	670	Cooperative Educ./Work Exp.	101	81	0.84	10.05	302	358	1	105	96%
	Total			101	81	0.84	10.05	302	358	1	105	96%
Spring 2016	COOP	670	Cooperative Educ./Work Exp.	104	86	0.81	10.58	318	391	1	101	103%
	Total			104	86	0.81	10.58	318	391	1	101	103%
Spring 2017	COOP	670	Cooperative Educ./Work Exp.	119	101	0.88	11.47	344	389	1	110	108%
	Total			119	101	0.88	11.47	344	389	1	110	108%

Productivity by Courses by Semester

				Census Headcount	End of Term Headcount	FTEF	FTES	WSCH	Load	Sections	Max Enroll	Fill Rate
Spring 2018	COOP	670	Cooperative Educ./Work Exp.	111	91	0.88	12.13	364	412	1	110	101%
	Total			111	91	0.88	12.13	364	412	1	110	101%
Summer 2013	COOP	670	Cooperative Ed/Work Experience	36	29	0.27	2.87	86	315	1	50	72%
		672	Cooperative Educ: Internship	15	15	0.11	0.80	24	212	1	50	30%
	Total			51	44	0.39	3.67	110	285	2	100	51%
Summer 2014	COOP	670	Cooperative Ed/Work Experience	43	41	0.35	4.30	129	365	1	50	86%
	Total			43	41	0.35	4.30	129	365	1	50	86%
Summer 2015	COOP	670	Cooperative Ed/Work Experience	23	17	0.18	2.30	69	390	1	50	46%
	Total			23	17	0.18	2.30	69	390	1	50	46%
Summer 2016	COOP	670	Cooperative Ed/Work Experience	20	18	0.14	2.00	60	415	1	20	100%
	Total			20	18	0.14	2.00	60	415	1	20	100%