

NORTH CAROLINA COMMUNITY COLLEGE SYSTEM
REPORT ON 2015 HIGH SCHOOL STUDENT EXPANSION

In accordance with Section 10.9(a) of S.L. 2013-360, the North Carolina Community College System Office hereby submits its report to the Joint Legislative Education Oversight Committee regarding the expansion of Career and College Promise to offer industrial and engineering technologies education to freshman and sophomore high school students.

Section 10.9(a) of S.L. 2013-360 amended G.S. 115D-20(4)a.2 adding language to authorize diploma and academic transition pathways for qualified freshman and sophomore high school students that lead to a career technical education certificate or diploma in industrial and engineering technologies. As summarized on Attachment A, 1,886 high school students were enrolled in community college industrial and engineering technologies pathways in 2014-15, an increase of 805 students, or approximately 74%, over 2012-13. In 2014-15, 231 freshmen and sophomores enrolled in these pathways (see Attachment B for enrollment by college), which represents 12% of the total number of high school students enrolled in these programs. Therefore, the 231 freshmen and sophomore students constitute about 1/4th of the increase in high school student enrollment in these pathways.

Our data systems do not support the calculation of FTE by student grade level. However, high school students in industrial and engineering technologies pathways represented 714 FTE in 2014-15, an increase of 258 FTE or 57% over 2012-13 (see Attachment A). As noted above freshmen and sophomores represent 12% of the students served in these pathways. If one assumes that freshmen and sophomore students represent a similar proportion of the total high school FTE in industrial and engineering technologies, then one would estimate that these freshmen and sophomore students represent approximately 85 FTE.

NORTH CAROLINA COMMUNITY COLLEGE SYSTEM
Career and College Promise Engineering and Industrial Technologies Enrollment

Attachment A

CTE Program	2013 Students*	2014 Students**	2015 Students**	Student Increase since 2013	% Increase
Engineering Technologies	274.0	428.0	681.0	407.0	149%
Industrial Technologies	807.0	1,035.0	1,205.0	398.0	49%
	1,081.0	1,463.0	1,886.0	805.0	74%

CTE Program	2013 FTE*	2014 FTE**	2015 FTE**	FTE Increase since 2013	% Increase
Engineering Technologies	63.5	106.7	170.0	106.6	168%
Industrial Technologies	392.3	497.3	544.0	151.7	39%
	455.8	604.0	714.0	258.3	57%

* Only includes Juniors and Seniors.

** Includes Freshman & Sophomore.

NORTH CAROLINA COMMUNITY COLLEGE SYSTEM
Industrial and Engineering Technologies - Freshman/Sophomore
2012-13 thru 2014-15

Attachment B

	Students Served (Unduplicated Headcount)							Change since 12-13 Inc/(Dec)	FTE				Change since 12-13 Inc/(Dec)
	2012-13		2013-14		2014-15		2012-13		2013-14	2014-15			
	Jr/Sr	Fr/So	Jr/Sr	Total	Fr/So	Jr/Sr	Total	Jr/Sr	Fr/So/Jr/Sr	Fr/So/Jr/Sr			
Alamance CC	7	0	1	1	0	19	19	12	2.9	2.3	11.1	8.2	
Asheville-Buncombe TCC	14		14	14	0	9	9	(5)	8.8	8.7	6.2	(2.7)	
Beaufort County CC	7	4	5	9	0	7	7	0	2.9	2.0	1.3	(1.7)	
Bladen CC	58		49	49	0	35	35	(23)	27.4	35.4	29.9	2.5	
Blue Ridge CC	12	1	20	21	1	30	31	19	4.7	7.8	11.4	6.7	
Brunswick CC	8		16	16	0	10	10	2	6.6	17.5	10.0	3.4	
Caldwell CC and TI	12	9	18	27	2	82	84	72	3.7	7.0	23.4	19.7	
Cape Fear CC	10		19	19	0	8	8	(2)	2.5	9.8	13.1	10.5	
Catawba Valley CC	91		63	63	1	81	82	(9)	43.4	35.6	44.3	0.9	
Central Carolina CC	21	1	26	27	1	43	44	23	8.8	15.1	20.2	11.3	
Central Piedmont CC	9		6	6	0	0	0	(9)	3.1	9.0	11.8	8.6	
Cleveland CC	48		33	33	0	32	32	(16)	20.6	19.5	12.5	(8.1)	
College of the Albemarle	13		11	11	0	11	11	(2)	4.2	4.0	8.0	3.8	
Craven CC	1	2	2	2	0	6	6	5	0.6	1.5	5.5	4.9	
Davidson County CC	9		12	12	0	8	8	(1)	5.4	8.2	6.0	0.5	
Durham TCC			2	2	0	0	0	0		0.8	0.0	0.0	
Edgecombe CC	2		0	0	0	0	0	(2)	0.4	0.8	0.0	(0.4)	
Fayetteville TCC			19	19	0	25	25	25		12.9	13.7	13.7	
Forsyth TCC	1	2	2	2	0	1	1	0	1.3	2.7	1.4	0.1	
Gaston College		1	11	12	0	29	29	29		3.5	9.4	9.4	
Guilford TCC	3		1	1	0	1	1	(2)	2.0	0.6	0.4	(1.6)	
Halifax CC			5	5	1	6	7	7		1.5	6.0	6.0	
Haywood CC	12		13	13	1	9	10	(2)	10.7	8.6	8.6	(2.1)	
Isothermal CC	88	45	60	105	56	45	101	13	37.2	32.2	32.0	(5.2)	
James Sprunt CC			2	2	0	3	3	3		0.5	1.0	1.0	
Johnston CC	9	7	59	66	25	38	63	54	4.5	25.6	28.4	23.9	
Lenoir CC	50	10	67	77	62	108	170	120	15.7	23.6	41.1	25.3	
Martin CC	12	2	2	4	1	1	2	(10)	3.4	1.5	0.4	(3.0)	
Mayland CC	73		81	81	0	82	82	9	31.8	36.4	35.1	3.3	
McDowell TCC	12		9	9	0	17	17	5	9.1	5.8	10.0	0.9	
Mitchell CC					1	2	3	3			1.2	1.2	
Nash CC	73		105	105	0	105	105	32	30.0	28.6	30.3	0.3	
Pamlico CC	7		7	7	0	8	8	1	2.3	2.4	2.5	0.3	
Piedmont CC	46	1	72	73	5	63	68	22	22.2	28.5	30.8	8.7	
Pitt CC	75	4	83	87	13	86	99	24	15.3	20.1	22.4	7.1	
Randolph CC	4		17	17	0	16	16	12	1.4	7.4	6.1	4.7	
Richmond CC	8		47	47	3	70	73	65	2.7	13.1	20.9	18.2	
Roanoke Chowan CC	1		0	0	1	31	32	31	1.4		5.7	4.3	
Robeson CC					0	1	1	1			0.4	0.4	
Rockingham CC	6		9	9	0	8	8	2	5.3	8.7	12.5	7.2	
Rowan-Cabarrus CC	5		13	13	1	18	19	14	4.5	8.2	8.6	4.1	
Sampson CC	14		24	24	0	13	13	(1)	9.1	10.7	5.1	(4.0)	
Sandhills CC	118	1	151	152	0	237	237	119	21.3	28.1	45.3	24.1	
Southeastern CC			9	9	20	3	23	23		1.1	5.8	5.8	
South Piedmont CC	12	5	24	29	33	27	60	48	1.9	8.3	11.2	9.3	
Southwestern CC	4	1	1	2	0	4	4	0	1.2	1.6	2.7	1.5	
Stanly CC		4	4	8	1	0	1	1	1.2	1.3	0.6	(0.6)	
Surry CC	23		12	12	0	14	14	(9)	5.3	12.5	11.1	5.9	
Tri-County CC	46	1	43	44	1	23	24	(22)	39.4	21.4	14.8	(24.5)	
Vance-Granville CC	9		9	9	0	3	3	(6)	3.8	5.2	2.0	(1.7)	
Wake TCC			2	2	0	34	34	34	0.6	0.3	7.3	6.8	
Wayne CC	3		6	6	0	5	5	2	1.1	1.8	1.2	0.1	
Western Piedmont CC	2		2	2	1	21	22	20	0.8	0.7	7.1	6.3	
Wilkes CC	43		80	80	0	98	98	55	23.6	48.4	46.2	22.7	
Wilson CC			18	18	0	19	19	19	0.0	5.3	10.2	10.2	
1,081	97	1,366	1,463	231	1,655	1,886	805		455.8	604.0	714.0	258.2	
	7%	93%	100%	12%	88%	100%	74%						