

NORTH CAROLINA COMMUNITY COLLEGE SYSTEM
REPORT ON 2014 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, 1,463 high school students were enrolled in community college industrial and engineering technologies pathways in 2013-14, an increase of 382 students, or approximately 35%, over 2012-13. In 2013-14, 97 freshmen and sophomores enrolled in these pathways (see Attachment B for enrollment by college), which represents 7% of the total number of high school students enrolled in these programs. Therefore, the 97 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 604 FTE in 2013-14, an increase of 148 FTE or 33% over 2012-13 (see Attachment A). As noted above freshmen and sophomores represent 7% 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 42 FTE.

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

Attachment A

CTE Program	2013 Students*	2014 Students**	Student Increase	% Increase
Engineering Technologies*	274.0	428.0	154.0	56%
Industrial Technologies*	807.0	1,035.0	228.0	28%
	1,081.0	1,463.0	382.0	35%

CTE Program	2013 FTE*	2014 FTE**	FTE Increase	% Increase
Engineering Technologies*	63.5	106.7	43.3	68%
Industrial Technologies*	392.3	497.3	105.0	27%
	455.8	604.0	148.2	33%

* Only includes Juniors and Seniors.

** Includes Freshman & Sophomore.

NORTH CAROLINA COMMUNITY COLLEGE SYSTEM
Industrial and Engineering Technologies - Freshman/Sophomore
2012-13 vs 2013-14

	Students Served (Unduplicated Headcount)				
	2012-13	2013-14		Total	Change
	Jr/Sr	Fr/So	Jr/Sr		
Alamance CC	7	0	1	1	(6)
Asheville-Buncombe TCC	14		14	14	0
Beaufort County CC	7	4	5	9	2
Bladen CC	58		49	49	(9)
Blue Ridge CC	12	1	20	21	9
Brunswick CC	8		16	16	8
Caldwell CC and TI	12	9	18	27	15
Cape Fear CC	10		19	19	9
Catawba Valley CC	91		63	63	(28)
Central Carolina CC	21	1	26	27	6
Central Piedmont CC	9		6	6	(3)
Cleveland CC	48		33	33	(15)
College of the Albemarle	13		11	11	(2)
Craven CC	1		2	2	1
Davidson County CC	9		12	12	3
Durham TCC			2	2	2
Edgecombe CC	2		0	0	(2)
Fayetteville TCC			19	19	19
Forsyth TCC	1		2	2	1
Gaston College		1	11	12	12
Guilford TCC	3		1	1	(2)
Halifax CC			5	5	5
Haywood CC	12		13	13	1
Isothermal CC	88	45	60	105	17
James Sprunt CC			2	2	2
Johnston CC	9	7	59	66	57
Lenoir CC	50	10	67	77	27
Martin CC	12	2	2	4	(8)
Mayland CC	73		81	81	8
McDowell TCC	12		9	9	(3)
Nash CC	73		105	105	32
Pamlico CC	7		7	7	0
Piedmont CC	46	1	72	73	27
Pitt CC	75	4	83	87	12
Randolph CC	4		17	17	13
Richmond CC	8		47	47	39
Roanoke Chowan CC	1		0	0	(1)
Rockingham CC	6		9	9	3
Rowan-Cabarrus CC	5		13	13	8
Sampson CC	14		24	24	10
Sandhills CC	118	1	151	152	34
Southeastern CC			9	9	9
South Piedmont CC	12	5	24	29	17
Southwestern CC	4	1	1	2	(2)
Stanly CC		4	4	8	8
Surry CC	23		12	12	(11)
Tri-County CC	46	1	43	44	(2)
Vance-Granville CC	9		9	9	0
Wake TCC			2	2	2
Wayne CC	3		6	6	3
Western Piedmont CC	2		2	2	0
Wilkes CC	43		80	80	37
Wilson CC			18	18	18
	1,081	97	1,366	1,463	382
		7%	93%	100%	