

Career & Technical Education

Jackson County Public Schools, Sylva, North Carolina

2017-2018 Annual Report & Plan

Program Overview

Career and Technical Education (CTE) in Jackson County Schools served **1,659** students) during the 2017-2018 school year in over **47** different course curriculums. Students earned industry recognized credentials in 10 different certification areas earning over **300** industry credentials (other credentials attained are pending end of year reporting). In the 2017-2018 school year, the amount of credentials attained overall increased by **21.5%!**

















New and Continuing Initiatives

- Continue to develop and grow the Culinary program at Smoky Mountain High School to incorporate a full industrial outfitted kitchen for students. New industrial grade refrigerators, freezer, and microwaves installed in Spring 2018; will install new stoves and replace all other equipment in 2018-2019.
- Continued irrigation, electrical, wiring, and venting maintenance work at Jackson County School of Alternatives.
- Curriculum focus on pacing guides and vocabulary development in 2017-2018 will continue in the following year. In 2018-2019, curriculum work in CTE will focus on incorporating literacy strategies for content understanding and mastery.
- Agricultural program development at Blue Ridge Early College. Once upgrades in roofing, HVAC, and water is complete on that campus, the next step is to construct a cold frame greenhouse for full plant production. In 2017-2018, students have engaged in hydroponic projects through Grow Lab trees.
- New laptops for CTE staff to mirror the current 1:1 initiative.
- Continue work with newly formed CTE Business Advisory Council.
- Technology upgrades to Adobe Academy at Smoky Mtn. High School

Federal & State Program Support, Projected 2018-2019

- 214 Months of Employment for Jackson County CTE Faculty/Staff; reduction of 3 months due to decreased ADM
- Approximately \$116,000 in federal and state funding for instructional support and program improvement (additional local support and funding)
- 19 Full-time Faculty (including 4 middle school teachers and 15 secondary teachers, respectively), one Special Populations Coordinator/Career Development Coordinator, one full-time CTE Technical Assistant, and one full-time Director

Credentialing Report for 2017-2018

Credential	Corresponding CTE Course	Industry	Students Obtaining Credential
Nurse Aide I	Nursing Fundamentals		19 students
Serv-Safe	Intro to Culinary Arts & Hospitality		6 Students
NCCER Construction	Core & Sustainable Construction Carpentry I Carpentry II Carpentry III		78 students
Red Cross CPR/First Aid	Health Science II		18 students First Aide & CPR
WorkKeys	CTE Completers		88 students 7 Platinum Certificate Awarded 22 Gold Certificates Awarded 31 Silver Certificates Awarded 28 Bronze Certificates Awarded
Early Childhood Credentials	Early Childhood Education		Data Incomplete at publishing date; end of year reports pending.
Adobe Illustrator	Adobe Visual Design		12 students
Adobe InDesign	Adobe Visual Design		7 students
Adobe Photoshop	Adobe Visual Design		21 students
Adobe Premiere	Adobe Video Design		13 students
Adobe Premiere Pro	Adobe Video Design		1 student
Microsoft Word	Microsoft Word, PPT, and Publisher		9 students
Microsoft PowerPoint	Microsoft Word, PPT, and Publisher		9 students
OSHA 10-Hour Safety Certification	Core & Sustainable Construction		19 students

Performance for 2016-2017

Measure	2016-2017 Benchmark Target	2016-2017 Actual	Up/Down From Previous Year	2018-2019 Benchmark Target
1S1. Academic Attainment: Reading & Language Arts*	51.0	45.3	-4.7	52.0
1S2. Academic Attainment: Mathematics*	36.4	33.7	-1.7	37.4
2S1. Technical Attainment	87.3	85.3	7.0	87.7
3S1. CTE Completer--Secondary School Completion (5 year rate)	98.3	98.0	-0.9	98.3
4S1. CTE Completer Student Graduation Rates (Cohort 4-year rate)	92.8	97.0	Same	93.0
5S1. Secondary Placement	92.0	96.1	4.1	92.5
6S1. Nontraditional Participation	29.7	24.7	-0.5	30.2
6S2. Nontraditional Completion	21.6	25.4	4.2	22.4

Measures Above:

1S1 Academic Attainment: Reading & Language Arts: This is the English II (10th grade English) proficiency of CTE high students who completed a CTE pathway and graduated in May 2017. Because NCLB requirements, this data measure is a three-year-old piece of data by the time it is recorded for CTE completers (mandated federally)

1S2 Academic Attainment: Mathematics: This is the Math I (9th grade Math) proficiency of CTE high students who completed a CTE pathway and graduated in May 2017. Because NCLB requirements, this data measure is a four-year-old piece of data by the time it is recorded for CTE completers (mandated federally).

2S1 Technical Attainment: This is the proficiency rate of CTE students taking the CTE post-assessment test in the current year. The best measure of CTE performance of all the indicators.

3S1 CTE Completer Secondary School Completion: This is the measure of the five-year graduation rate of CTE concentrators (students completing four courses within a CTE pathway).

4S1 CTE Completer Student Graduation rates: This is the measure of the current four-year cohort graduation rate of CTE concentrators (students completing four courses within a CTE pathway).

5S1 Secondary Placement: Measurement of CTE concentrators who left secondary education in May 2017 and are in advanced training, military service, postsecondary education, or in employment.

6S1 Nontraditional Participation: A measure of the percent of students enrolled in CTE courses that lead to nontraditional employment for a nontraditional gender (example: males enrolled in a nursing course)

6S2 Nontraditional Completion: A measure of the percent of students who were Concentrators (completed a CTE pathway) that leads to employment in a nontraditional field (example: males who complete a four-course pathway in a nursing course)

CTE Course Offerings in Jackson County Schools in 2017-2018

Blue Ridge Early College (9)

Core & Sustainable Construction, Construction Tech I, Construction Tech II, Construction Tech III, Exploring Environmental & Natural Resources, Environmental & Natural Resources I, Agriscience Applications, Horticulture I, Horticulture II

Jackson County School of Alternatives (10)

Principles of Family & Human Services, Foods I, Foods II Adv., CTE Internship, Exploring Animal & Plant Science, Horticulture I, Horticulture II, Core & Sustainable Construction, Construction Tech I, Construction Tech II

Smoky Mountain High School (40)

Health Science I, Health Science II, Biomedical Technology, Nursing Fundamentals, Health Team Relations, CTE Advanced Studies in Health Science, Intro to Culinary Arts, Culinary Arts I, Interior Design, Apparel I, Apparel II, Sports & Entertainment Marketing I, Sports & Entertainment Marketing II, Fashion Merchandising, Marketing, Personal Finance, Entrepreneurship, Principles of Business, Adobe Video Design, Multimedia & Webpage Design, Adobe Visual Design, Horticulture I, Horticulture II, Environmental & Natural Resources I, Environmental Natural Resources II, Agricultural Mechanics I, Agricultural Mechanics II, Animal Science I, Core & Sustainable Construction, Construction Tech I, Construction Tech II, Construction Tech III, Technology, Engineering & Design, Principles of Technology, Technological Design, Foods I, Early Childhood Education I, Early Childhood Education II, Parenting & Child Development, CTE Internship

Cullowhee Valley School

Fundamentals of Biotechnology

Smokey Mountain Elementary School

Office Productivity Applications, Digital Literacy, Introduction to Office Productivity, Keyboarding and Basic Word Processing

Fairview School

Keyboarding and Basic Word Processing, Introduction to Office Productivity

Scotts Creek School

Keyboarding and Basic Word Processing, Exploring Technological Systems, Exploring Technology

Jackson County Early College

CTE Internship

****Jackson County Schools is an Equal Opportunity Employer and Educator who fully and actively supports equal access for all people regardless of Race, Color, Religion, Gender, Age, National Origin, Veteran Status, Disability, Genetic Information or Testing, Family and Medical Leave. We prohibit Retaliation against individuals who bring forth any complaint, orally or in writing, to the employer or the government, or against any individuals who assist or practice in the investigation of any complaint, or otherwise oppose discrimination.*