



Career Readiness in South Carolina Community of Practice September 11-12, 2018

Dana Depew, Education Associate, CATE Testing/Assessments/
Business, Finance, Marketing

Molly M. Spearman – State Superintendent of Education

Profile of the South Carolina Graduate



World Class Knowledge

- Rigorous standards in language arts and math for career and college readiness
- Multiple languages, science, technology, engineering, mathematics (STEM), arts and social sciences

World Class Skills

- Creativity and innovation
- Critical thinking and problem solving
- Collaboration and teamwork
- Communication, information, media and technology
- Knowing how to learn

Life and Career Characteristics

- Integrity
- Self-direction
- Global perspective
- Perseverance
- Work ethic
- Interpersonal skills

Approved by SCASA Superintendents Roundtable and SC Chamber of Commerce
SC Education Oversight Committee, SC State Board of Education, SC Department of Education,
SC General Assembly, SC Council on Competitiveness, TransformSC, & SC Arts in Basic Curriculum
Steering Committee

South Carolina Initiatives

- **\$10,000** base amount sent to all schools for industry certifications and credentials (Proviso 1A.63)
- **8,233** industry credentials (among awarded diplomas) (2017-18)
- **Over 165** approved certifications/credentials adopted by the state via an on-going process
- **K-12** Computer Science include standards in computing systems; networks and the internet; data and analysis; algorithms and programming; and impact of computing
- **7** required units in Math and Science for Career Seal of Distinction
- **5** different robots available in the Loaner Robot Program to all schools throughout the state on a monthly period:
 - NXT Robots, Sphero, Arduino Kits, Raspberry Pi, Hummingbird
- **1-2-3** school districts/career centers to create innovative programs/services

Cluster Information

- **17,154** completers (2017-18)
- **3,398** largest number of completers in Health Science (2016-17)
- **406** total number of CATE courses
- **177** smallest number of completers in Finance (2016-17)
- **74** total number of programs
- **41** revised course standards among **6 / 15** clusters (2017-18)
- **3** paths for Teacher Credentialing pathways for teaching Career and Technology (CATE) courses

Career Readiness

- **119,336 (11% increase)** work-based learning (WBL) experiences in South Carolina (2016-17)
- **221** recognized credentials/certifications (**165** counted for Accountability)
- **29** Employability and Professional Knowledge Skills in all course standards
- **9** Career and Technical Student Organizations in South Carolina
 - Business Professionals of America
 - DECA
 - Educators Rising
 - FCCLA (Family, Career, and Community Leaders of America)
 - Future Business Leaders of America
 - Future Farmers of America
 - HOSA (Future Health Professionals)
 - Skills USA
 - Technical Skills of America

Career Ready Vision

All Students (one or more):

CATE Completer + Credential/Certification

Win Learning® (Silver or Higher)

ASVAB 31 or higher

Approved SC Work-Based Learning (WBL)

Activity / Apprenticeship (w/ stipulations)

Career Seal of Distinction

Career Readiness Indicators for Accountability

Approved
SC
Work-Based
Learning
Experience

WIN
Score of
Silver or
Higher

- Career Readiness Assessment- WIN
- CATE Completer + Credential/Certification

ASVAB score of
31 or higher

CATE Completer
with State or
Nationally
recognized
credential/
certification

- ASVAB 31 or higher
- Work-Based Learning Experience

Weight
Only meet **ONE** to get 25
Points for weighting

South Carolina Work-Based Experiences

Experience Type	Total Number of Experiences ALL GRADES					
	2016-17	2015-16	2014-15	2013-14	2012-13	2011-12
Cooperative Education	1,630	1,537	1,465	1,520	866	742
Internship	3,651	3,576	4,087	2,941	2,718	3,437
Mentoring	1,923	1,495	3,363	3,547	3,544	3,543
Registered Apprenticeship	69	55	57	66	74	78
School-Based Enterprise	4,592	4,328	3,857	3,249	3,146	2,813
Service Learning	11,091	13,025	21,343	17,638	21,105	27,755
Shadowing: On-Site	32,442	30,033	35,514	30,988	35,632	35,274
Shadowing: Virtual	34,442	32,734	33,490	22,948	33,772	30,534
Structured Field Study	29,340	21,174	N/A	N/A	N/A	N/A
Youth Apprenticeship	156	78	75	53	87	50
TOTAL	119,336	108,035	103,251	82,950	100,944	104,226

Shadowing Type	Total Number of February Job Shadowing Experiences ALL GRADES					
	2016-17	2015-16	2014-15	2013-14	2012-13	2011-12
Shadowing: On-Site	18,158	17,408	17,052	14,766	20,545	23,054
Shadowing: Virtual	7,662	10,201	12,811	6,850	16,744	18,184
TOTAL	25,820	27,609	29,863	21,616	37,289	41,238

43% increase since 2013-14

SC Work-Based Implementation Guide



Technical Skills Assessments

- **88** Technical Skill Assessments
- **62%** Technical Skills Assessments in STEM
- **16%** CTECS TSA administered (up from 14%)
- **11** TSA Vendors
- **2** new TSAs

SC Partnership with CTECS for Program Improvement

Architecture and Construction

Architectural Design, Mechanical Design, Building Construction Cluster, Carpentry, Electricity, HVAC Technology, and Masonry

Business Management and Administration

Administrative Services, Business Information Management, General Management, Human Resource Management (Pilot), and Operations Management

Finance

Accounting and Business Finance

Aligned to Standards!

Hospitality and Tourism

Baking and Pastry*

Aligned to State Goals!

Information Technology (IT)

Information Support and Services, Networking Systems, Computer Programming with C++, and Computer Programming with Visual Basic, Web and Digital Communications*

Manufacturing

Welding

Data Driven!

Marketing

Marketing Communications, Marketing Management, and Merchandising

Workplace Readiness Skills-Pilot

South Carolina Mission

“CATE is developing our most valuable resource - our students; helping them gain the skills, technical knowledge, academic foundation, and real-world experience they need to become college and career ready in every sense of the word.”

Thank you!

**Dana Depew, Education Associate
Office of Career and Technology**

SCDE

(803) 734-2828

ddepew@ed.sc.gov

