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
- CATE Completer with State or Nationally recognized credential/certification
- ASVAB score of 31 or higher
- Work-Based Learning Experience

**Weight**

Only meet **ONE** to get 25 Points for weighting
South Carolina Work-Based Experiences

### Total Number of Experiences

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

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<tbody>
<tr>
<td>Shadowing: On-Site</td>
<td>18,158</td>
<td>17,408</td>
<td>17,052</td>
<td>14,766</td>
<td>20,545</td>
<td>23,054</td>
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<td>Shadowing: Virtual</td>
<td>7,662</td>
<td>10,201</td>
<td>12,811</td>
<td>6,850</td>
<td>16,744</td>
<td>18,184</td>
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<tr>
<td><strong>TOTAL</strong></td>
<td><strong>25,820</strong></td>
<td><strong>27,609</strong></td>
<td><strong>29,863</strong></td>
<td><strong>21,616</strong></td>
<td><strong>37,289</strong></td>
<td><strong>41,238</strong></td>
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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

**Hospitality and Tourism**
Baking and Pastry*

**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

**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!

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