

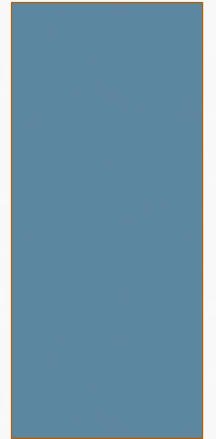


SOUTH CAROLINA
STATE DEPARTMENT
OF EDUCATION



SOUTH CAROLINA
BY THE NUMBERS!

DANA DEPEW
CATE ED ASSOCIATE FOR TESTING/ASSESSMENTS/STANDARDS
BUSINESS/FINANCE CLUSTERS



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

CAREER READY VISION



All Students:

CATE Completer

WorkKeys[®] (Silver or Higher)

Industry Credential/Certification

Work-Based Learning (WBL) Activity /

Apprenticeship

SOUTH CAROLINA INITIATIVES



- **\$10,000** base amount sent to all schools for industry certifications and credentials (Proviso 1A.67)
- **7,312** industry credentials (among awarded diplomas) (2015-16)
- **K-12** Computer Science
- **34/74** programs are now 3 units instead of 4 (Regulation 43-246).
- **19** courses taught at middle school level
- **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

CLUSTER INFORMATION



- **13,371** completers (2015-16)
- **3,176** largest number of completers in Health Science (2015-16)
- **406** total number of CATE courses
- **190** smallest number of completers in Finance (2015-16)
- **74** total number of programs
- **47** SC US First VEX Robotics teams competitions in SC
- **45** revised course standards among **12 / 15** clusters
- **5** new STEM programs added (Aerospace Engineering, Computer Science, Cyber Security, Informatics, Integrated Production Engineering)
- **3** paths for teaching CATE

TECHNICAL SKILLS ASSESSMENTS



- 54 Technical Skill Assessments
- 36% Technical Skills Assessments in STEM
- 14% CTECS TSA administered
- 10 TSA Vendors
- 7 Updated TSAs
- 2 new TSAs proposed for next year
- 1 new TSA (Human Resource Management)
- 1 cut score determined for Operations Management

CAREER READINESS



- **108,035** work-based learning (WBL) experiences in South Carolina (2015-16)
- **170** recognized credentials/certifications
- **9** Career and Technical Student Organizations in South Carolina
 - Business Professionals of America
 - DECA
 - Educators Rising
 - FCCLA (Family and Consumer Science)
 - Future Business Leaders of America
 - Future Farmers of America
 - HOSA (Health Occupations)
 - Skills USA
 - Technical Skills of America

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!

Information Technology (IT)

Information Support and Services, Networking Systems, Computer Programming with C++, and Computer Programming with Visual Basic

Manufacturing

Welding

Aligned to State Goals!

Marketing

Marketing Communications, Marketing Management, and Merchandising

Workplace Readiness Skills-Pilot

Data Driven!

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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