

## Thunderbolt Career & Technology Center

1069 Thunderbolt Drive

Walterboro, SC 29488



# South Carolina State Report Card

State and federal laws require public schools to release report cards to the public each year. This year, the report card has been updated to reflect changes in reporting directed by the SC Education Oversight Committee. Schools will not be rated for state accountability purposes until Fall 2017 when the state will transition to a single accountability system. The following reports student performance in school year 2014-15.

**Grades:** 9-12 Career Center

**Enrollment:** 494 students

**School Phone:** 843-782-4514

**School Website:** <http://tctc.colletonsd.org/>

**Principal:** William H. Hayden

**Superintendent:** Dr. Franklin Foster

**Board Chair:** Mr. P. A. Pournelle



### Profile of the SC 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

\* 21st Century core courses in Social Sciences include History, Geography, Economics, Government and Civics.

### WORLD CLASS SKILLS & LIFE AND CAREER CHARACTERISTICS

*Our school is helping all students develop the world class skills and life and career characteristics of the Profile of the Graduate by ...*

REPORT OF THE TCTC DIRECTOR AND THE SCHOOL IMPROVEMENT COUNCIL During the 2014-2015 school year, the Thunderbolt Career & Technology Center (TCTC) continued its journey towards excellence in student achievement to have our students college and career ready. As a member of the School Of HEAT (Hospitality, Engineering, Agriculture, and Technology), the faculty of TCTC continued to work with the faculty of Colleton County High School (CCHS) to bridge academic and Career And Technology Education (CATE) expectations for students. In addition, they worked closely with the CATE faculty members located at CCHS. Furthermore, the CATE Progress Advisory Council allowed parents and business/community members to be actively involved in improvements for the CATE programs as well. The efforts of the faculty and the students provided much success in the number of CATE completers (students having successfully completed four or more credits in a state-certified program). In the graduating class of 2015 for CCHS and TCTC, there were a total of 142 CATE completers, of which thirteen were double completers. Of the CATE completers in the Class of 2015, eleven were members of the National Technical Honor Society, and seventy-one qualified for at least one national certification in their CATE program. TCTC has been fully accredited by the Southern Association Of Colleges & Schools (SACS) for many years and, in 2013, became accredited by AdvancEd, an international accrediting agency. TCTC is also certified as a National Center For Construction Education & Research (NCCER) training facility for masonry, carpentry, and welding, is certified by ProStart in culinary arts, and is certified by the National Automotive Technicians Education Foundation (NATEF) in automotive technology. The accreditations provide great benefits to the students as they proceed into the workforce, college, or the military. Students enrolled at programs at TCTC have the opportunity to participate in student organizations such as the National Technical Honor Society (NTHS), Future Farmers Of America (FFA), and SkillsUSA that allow them to demonstrate program related skills on the district, state, and national competitive levels. Participation in CATE programs and related organizations also allows students access to work-related learning activities that prepare them for related careers. These experiences serve as an educational foundation for students continuing their CATE education in two to four year degree programs. TCTC is facilitating all of our students in developing the world class skills and life and career characteristics indicated in The Profile Of The South Carolina Graduate. TCTC students utilize much of the latest computer and industry technology to advance their skills and knowledge including such math and technology based programs as PLTW Pre-Engineering and Mechanical/Architectural Design. In completing many assignments which are project based, TCTC students are strongly encouraged not only to use their creativity and innovation but also to develop critical thinking and problem-solving skills. For example, carpentry students developed handicap access plans for various types of buildings and build

**KNOWLEDGE**

**ACT WorkKeys** is a job skills assessment system measuring "real world" skills that employers believe are critical in the workplace. This table below shows the number of certificates at what level earned by **Career and Technology Education (CATE) completers at this Career Center**. Note that these data are self-reported by the Career Center.

In order to receive the National Career Readiness Certificate, a measure that indicates a student has the foundational workplace skills to succeed, a student must take three subtests in WorkKeys: Applied Mathematics, Reading for Information, and Locating Information.

Students can earn certificates at the Platinum, Gold, Silver, and Bronze level on WorkKeys assessments. A designation can only be earned after a student has taken the three subtests required for the National Career Readiness Certificate. The table to the right show the level score requirements for each certificate level.

Number of CATE completers at Career Center earning the National Career Readiness Certificate by Level	
Platinum	0
Gold	4
Silver	22
Bronze	13
Attempted, but no certificate earned	6

\* The three core WorkKeys subtests are: Applied Mathematics, Reading for Information, and Locating Information.

Certificate Level	Level Score Requirements
<b>Platinum</b>	Minimum score of <b>6</b> on each of the three core subtests*
<b>Gold</b>	Minimum score of <b>5</b> on each of the three core subtests*
<b>Silver</b>	Minimum score of <b>4</b> on each of the three core subtests*
<b>Bronze</b>	Minimum score of <b>3</b> on each of the three core subtests*

#### Performance of all students at Career Center compared to State Center Average

	Technical Skill Attainment			Graduation Rate			Placement Rate		
	This Center		State Center Average %	This Center		State Center Average %	This Center		State Center Average %
	n	%		n	%		n	%	
All Students	435	85.3%	90.4%	102	96.1%	97.1%	205	97.1%	97.1%

NOTE: n=number of students on which percentage is calculated; t=number of tests taken.

#### Definitions of Performance Rating Terms

\* Technical Skill Attainment - The percentage of students enrolled in career and technology courses at the center who earn a 2.0 or above on the final course grade.

\* Graduation Rate - The percentage of 12th grade career and technology students who graduate in the spring.

\* Placement Rate - The percentage of career and technology completers available for placement over a 3-year period who are actually placed in postsecondary instruction, military services, or employment. Note: these data are self-reported.

Number of students at Career Center Earning National Industry Certifications
TBD

#### Abbreviations for Missing Data

N/A-Not Applicable

N/AV-Not Available

N/C-Not Collected

N/R-Not Reported

I/S-Insufficient Sample

**OPPORTUNITIES**

	Our Center	Change from Last Year	Median Career Center
<b>Students (n = 494)</b>			
Attendance Rate	N/A	N/A	N/A
With disabilities	10.4	No change	10.4
Career/tech students in co-curricular organizations	31.4	Up from 30.9%	31.4
Enrollment in career/technology courses	494.0	Up from 482.0%	494.0
Students participating in work-based experiences	0.0	Down from 6.4%	0.0
<b>Teachers (n = 9)</b>			
Percentage of teachers with advanced degrees	22.2	Down from 30.0%	22.2
Percentage of teachers on continuing contract	88.9	Down from 90.0%	88.9
Teachers returning from previous year	77.9	Up from 73.6%	77.9
Teacher attendance rate	93.5	Down from 94.2%	93.5
Average teacher salary*	\$47,260	Up 1.6%	\$47,260
Professional development days/teacher	12.1 days	Up from 10.8 days	12.1 days
<b>Center</b>			
Director's years at center	2.0	Up from 1.0	2.0
Dollars spent per pupil**	N/A	N/A	N/A
Percent of expenditures for teachers' salaries**	N/A	N/A	N/A
Percent expenditures for instruction**	N/A	N/A	N/A
AdvancEd (SACS) accreditation	Yes	No change	Yes
Are online or blended (50% online) courses offered	N/A	N/C	N/A
Bandwidth capacity per student	<25 Mbps	N/C	N/A
District-issued technology devices per teacher	1.2	N/C	N/A
Percent of classrooms with wireless access	76-100%	N/C	N/A
District-issued learning devices per student	0.1	N/C	N/A

\* Includes current year teachers contracted for 185 days or more.

\*\* Prior year audited financial data are reported.

**Evaluation by Teachers, Students, and Parents**

<b>Evaluations by Teachers, Students, and Parents</b>			
	<b>Teachers</b>	<b>Students*</b>	<b>Parents*</b>
Number of surveys returned	8	62	7
Percent satisfied with learning environment	I/S	77.0	I/S
Percent satisfied with social and physical environment	I/S	68.0	I/S
Percent satisfied with school-home relations	I/S	92.0	I/S

\* Only students in grade 11 and their parents were included.

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**State Ratings History of Center**

Year	Absolute Rating	Growth Rating
2014	Good	Average
2013	Good	Below Average
2012	Good	At-Risk

Based on state law, schools will not be rated for state accountability purposes until Fall 2017.

**Additional Resources**

SC State Content Standards  
[Family-Friendly Guides to the SC Content Standards](#)  
[2014-15 Accountability Manual](#)  
[Report Card Data Files](#)  
[ESEA Data Files](#)

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