

COLLEGE, CAREER,
AND TECHNICAL
EDUCATION
AT
SHELBY COUNTY SCHOOLS

CCTE at SCS

MISSION

- The mission of the Department of College, Career, and Technical Education is to prepare students to successfully compete in a global job market requiring higher education and higher levels of technical skills.

MISSION

- It is the charge of the Department staff to provide support services to assist teachers in preparing students with the knowledge and skills for higher learning at the post-secondary level, advanced technical training, and a wide range of opportunities in high-skill, high-wage careers.

CCTE

- In the 2012-2013 school year, more than 48,000 students were enrolled in Career and Technical Education courses in the Unified School District, approximately 32% of the total number of students in the combined school systems, making it the largest CTE program in the state of Tennessee.

CCTE

- The Department of College, Career, and Technical Education provides district-wide leadership and instructional support to middle schools, high schools, and career and technical centers to provide relevant course programs and technical preparation opportunities for these students in the technical or combined career paths

CCTE

- The Department ensures that students in these programs have learning opportunities to compete effectively in the job market and/or pursue postsecondary education.

CAREER CLUSTERS

	<p>The production, processing, marketing, distribution, financing, and development of agricultural commodities and resources including food, fiber, wood products, natural resources, horticulture, and other plant and animal products/resources.</p>
	<p>Careers in designing, planning, managing, building and maintaining the built environment.</p>
	<p>Designing, producing, exhibiting, performing, writing, and publishing multimedia content including visual and performing arts and design, journalism, and entertainment services.</p>
	<p>Preparing individuals for employment in career pathways that relate to families and human needs.</p>
	<p>Planning, managing, and providing legal, public safety, protective services and homeland security, including professional and technical support services.</p>
	<p>Planning, managing and performing the processing of materials into intermediate or final products and related professional and technical support activities such as production planning and control, maintenance and manufacturing/process engineering.</p>
	<p>Planning, management, and movement of people, materials, and goods by road, pipeline, air, rail and water and related professional and technical support services such as transportation infrastructure planning and management, logistics services, mobile equipment and facility maintenance.</p>

TRADE AND INDUSTRIAL EDUCATION

- **Trade and Industrial Education** helps prepare students for an increasingly demanding high skilled workplace in the United States.

TRADE AND INDUSTRIAL EDUCATION

- To meet the needs of the technologically changing workplace, the state curriculum has recently been aligned with industry standards, and teachers are often offered professional development opportunities to upgrade their skills to the levels required for instruction according to industry standards.

TRADE AND INDUSTRIAL EDUCATION

- **Trade and Industrial Education:**
 - Combines theory with application to develop technical skills, occupational judgments, and workplace ethics. The courses are closely aligned with those of postsecondary institutions in Tennessee, allowing students to make easier transitions to those state schools.

TRADE AND INDUSTRIAL EDUCATION

- **Trade and Industrial Education:**
 - Offers high quality educational experiences to promote teamwork, leadership, high work standards, and help develop a value for lifelong learning.

TRADE AND INDUSTRIAL EDUCATION

- Classes in Trade and Industrial Education require students to develop manipulative skills, safety skills, job judgment, and technical knowledge.
- Most of the courses now rely on computer software, and there is a greater use of technology current course competencies. The program offers six specialized career clusters and programs of study.

SKILLSUSA

Your Career and Technical Education Student Organization (CTSO)



SKILLSUSA

- **Key Facts**

- SkillsUSA is a partnership of students, teachers and industry working together to ensure America has a skilled workforce.
- SkillsUSA helps each student excel.

SKILLSUSA

- **Key Facts**

- SkillsUSA is a national nonprofit organization serving teachers and high school and college students who are preparing for careers in trade, technical and skilled service occupations, including health occupations.
- It was formerly known as VICA (Vocational Industrial Clubs of America).

SKILLSUSA MEMBERSHIP

- More than 300,000 students and advisors join SkillsUSA annually, organized into more than 17,000 sections and 53 state and territorial associations.
- Combining alumni and lifetime membership, the total number served this year is more than 350,000.
- SkillsUSA has served more than 11.6 million members since its founding in 1965.

SKILLSUSA MISSION

- SkillsUSA's mission is to empower its members to become world-class workers, leaders and responsible American citizens.

SKILLSUSA MISSION

- SkillsUSA is an applied method of instruction for preparing America's high performance workers in public career and technical programs.
- It provides quality education experiences for students in leadership, teamwork, citizenship and character development.
- It builds and reinforces self-confidence, work attitudes and communications skills.
- It emphasizes total quality at work including high ethical standards, superior work skills, life-long education, and pride in the dignity of work.

SKILLSUSA MISSION

- SkillsUSA also promotes understanding of the free-enterprise system and involvement in community service.

SKILLSUSA PARTNERS

- In 2014, more than 16,000 teachers and school administrators served as professional SkillsUSA members and advisors.

SKILLSUSA PARTNERS

- More than 600 business, industry and labor sponsors actively support SkillsUSA at the national level through financial aid, in-kind contributions, and involvement of their people in SkillsUSA activities.
- Many more work directly with state associations and local chapters.

SKILLSUSA PROGRAMS

- SkillsUSA programs include local, state and national competitions in which students demonstrate occupational and leadership skills.
- At the annual national-level SkillsUSA Championships, over 6,000 students compete in 99 occupational and leadership skill areas.

SKILLSUSA PROGRAMS

- SkillsUSA programs also help to establish industry standards for job skill training in the lab and classroom, and promote community service.
- SkillsUSA is recognized by the U.S. Department of Education and is cited as a "successful model of employer-driven youth development training program" by the U.S. Department of Labor.

SKILLSUSA PROGRAMS

- The SkillsUSA Work Force Ready System is a comprehensive tool to help students document entry-level skills as defined by industry and accepted by state education policy.
- Developed under a W.K. Kellogg Foundation grant, the Work Force Ready System features 47 industry-driven assessments.

SKILLSUSA PROGRAMS

- The Professional Development Program (PDP) teaches 84 workplace skill competencies in a series of hands-on self-paced lessons.

SKILLSUSA PROGRAMS

- The Career Skills Education Program (CSEP) contains 49 online lessons teaching basic employment and life skills to college/postsecondary students.

SKILLSUSA PROGRAMS

- Student2Student Mentoring gives high school students a chance to mentor younger students in the area of career development.

SKILLSUSA PROGRAMS

- CareerSafe is a credentialed 10-hour online training program developed in cooperation with the Occupational Safety and Health Administration (OSHA) to provide students with basic knowledge of safety and a credential desired in the job market.
- It is offered by K2Share.

NCCER

Industry Certification



National Center for Construction Education and Research

NCCER

- NCCER is a not-for-profit 501(c)(3) education foundation created in 1996 as The National Center for Construction Education and Research.
- It was developed with the support of more than 125 construction CEOs and various association and academic leaders who united to revolutionize training for the construction industry.

NCCER

- Sharing the common goal of developing a safe and productive workforce, these companies created a standardized training and credentialing program for the industry.
- This progressive program has evolved into curricula for more than 70 craft areas and a complete series of more than 70 assessments offered in over 4,000 NCCER-accredited training and assessment locations across the United States.

NCCER

- NCCER develops standardized construction and maintenance curricula and assessments with portable credentials.
- These credentials are tracked through NCCER's National Registry which allows organizations and companies to track the qualifications of their craft professionals and/or check the qualifications of possible new hires.
- The National Registry also assists craft professionals by maintaining their records in a secure database.

NCCER

- NCCER's workforce development process of accreditation, instructor certification, standardized curriculum, national registry, assessment, and certification is a key component in the industry's workforce development efforts.
- NCCER also drives multiple initiatives to enhance career development and recruitment efforts for the industry.

NCCER

- NCCER's new branding and international initiatives have led to the use of NCCER in lieu of The National Center for Construction Education and Research.
- The same great resources and services are still available.

NCCER

- NCCER is headquartered in Alachua, Fla., and is affiliated with the University of Florida's M.E. Rinker, Sr. School of Building Construction.

HBI

- Homebuilders Institute (HBI) is a national leader for career training in the building industry. Through certification programs, mentoring, pre-apprenticeships, and job placement services, HBI prepares its students – including at-risk and under-served populations such as youth, veterans, ex-offenders, and displaced workers – with the skills and experience they need for successful careers in the building industry.

HBI

HBI®

**BUILDING CAREERS
CHANGING LIVES**