

We are CATE!

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A monthly newsletter providing career guidance resources & updates for SC Career and Technology Education

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Celebrate CTE & National Job Shadow Month

February 1– 28, 2015

February is the month each year for schools to conduct job shadow experiences and promote work-based learning opportunities. Students who participate in job shadowing or work-based learning experiences develop an understanding about the relationship and alignment between academics and the world of work. Each observes first-hand the hard skills and soft skills in current demand in our global economy. In order for students to succeed, we need to prepare them for this ever-changing economy, which means college AND career ready. I encourage each of you to celebrate this month by working with your students and business/industry stakeholders to prepare a successful work-based learning experience for each student. Share with each the experiences of former students who benefited from a work-based learning opportunity. It is a win-win situation for all involved!

Need help getting started ? Contact your Regional Career Specialist to partner and assist you in providing an experience for your students that they will never forget!

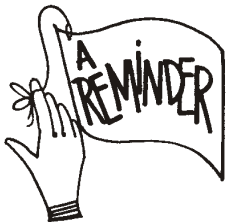
Reminder: Let's get credit for those numbers! Don't forget to enter work-based learning experiences in to PowerSchool.

...preparing our students of today for tomorrow!

	<h1>Gender Equity in STEM</h1>		
	<p>Role Models for Change: Mentorship Programs for Young Women in STEM</p> <p><small>Presented by Girls in Tech</small></p>	<p>Jan. 28 3:00 p.m.— 4:00 p.m.</p>	

STEM Mentors for Young Women!

January 28th at 3:00pm EST ACTE is launching its second Gender Equity in STEM online seminar, featuring Girls in Tech President, Kate Brodock. In this online seminar she will discuss mentorship and sponsorship for young women in STEM fields and how those opportunities can be effectively structured and promoted. Register today for this seminar at **www.acteonline.org/live**.



Upcoming CATE Data Collection Deadlines **January 31, 2015**

Innovative Applications due
(2015-16 School Year)

March 2, 2015

CATE Custom/Cross-Cluster Program Approval Forms
(2014-15 School Year)

April 15, 2015

CATE Student Placement Follow-up Report
(2013-14 CATE Program Completers)



Discus, South Carolina's Virtual Library, provides all South Carolinians with access to an electronic library of essential information resources. Find thousands of magazines, newspapers, and reference books available 24/7 through on-line resources. Be sure to utilize the Ferguson's Career Guidance Center. It provides profiles of nearly 3,400 jobs and 94 industries, invaluable advice on

career skills, employability demand, job demand, and labor outlook specific to SC! Be sure to take advantage of this free resource provided by the SC State Library. Visit <http://www.statelibrary.sc.gov/discus> to learn more!

CENTRAL CAROLINA TECHNICAL COLLEGE



Water Apprenticeships for Youth



High schools students will:

- ▶ Enroll in CCTC's Operator Certificate dual enrollment program
- ▶ Be registered as a Plant Operator Youth Apprentice
- ▶ Work at a local utility for hands-on experience
- ▶ Apply for a trainee permit

Local utility will:

- ▶ Pay students for work
- ▶ Mentor student
- ▶ Be responsible for on-the-job training
- ▶ Evaluate student's competencies

SC Environmental Training Center will:

- ▶ Sponsor the apprenticeship through the USDOL
- ▶ Cover the student's insurance
- ▶ Be responsible for job related education
- ▶ Work with students and utilities to ensure program value

Way to Go

Georgetown County School District!

Central Carolina Technical College has partnered with Georgetown County Public School District to offer water apprenticeships for high school students.

Through collaborative efforts, 5 students will have the opportunity to take free college classes during the school year and work a paid summer youth apprenticeship.

Benefits for High school student:

- ▶ Provide a clear path for high school graduates into the water/wastewater industry
- ▶ Completion of an Operator Certificate at CCTC
- ▶ Earn a USDOL credential
- ▶ Build a working relationship with local utility
- ▶ Develop a career path

THE FINANCIAL AID PROCESS

Finding financial aid can seem overwhelming when you're trying to get ready for college or career school. The U.S. Department of Education's office of Federal Student Aid is here to help you get the money you need to pay for your education.

PREPARATION

Scholarships and state aid can help cover the cost of college or career school, but you may find yourself in need of federal assistance.

Many states have college funding programs. Ask a guidance counselor or your college financial aid office for more information.

START

Begin saving early.

SAVINGS

STATE AID

Look for scholarships through your state or college as well as national and community organizations.

SCHOLARSHIPS

It's time to apply for financial aid.

FAFSA

The FAFSA is the *Free Application for Federal Student Aid* and is the only way to apply for federal student aid. The schools you list on your application will use FAFSA information to evaluate your financial need and determine how much federal aid you are eligible to receive. Many states and colleges also use information from your FAFSA to provide their own financial aid.

Complete the FAFSA online at www.fafsa.gov. Make sure to fill out and submit the FAFSA each year you are in college.

Each January, the FAFSA is available for the upcoming school year. It is best to fill it out as early as you can because some aid is first come, first served.

When you complete the FAFSA, you'll need to provide personal and tax information. If you've filed your taxes already, you may be able to automatically retrieve the information from the IRS. If you haven't, just estimate your tax information and update it later.

After you submit your FAFSA, you'll receive your *Student Aid Report (SAR)*. Your SAR summarizes the information in your FAFSA. Review it and make corrections if needed.

Your FAFSA helps your school determine the types of federal student aid you are eligible to receive.

TYPES OF FEDERAL STUDENT AID

As the largest provider of financial aid, the U.S. Department of Education's office of Federal Student Aid provides grants, loans, and work-study funds.

GRANTS

Grants are free money that do not have to be repaid.

LOANS

Student loans are real loans (like a car or home loan) that need to be repaid with interest.

WORK-STUDY

A work-study job gives you the opportunity to earn money to help pay your educational expenses.

AWARD

Your award letter explains the combination of federal grants, loans, and work-study a college is offering you. The offer might also contain state and institutional aid. If you receive award letters from multiple colleges or career schools, you should compare them and decide which school works best for you.

AWARD LETTER

a b c

COLLEGE

Every year, millions of new students attend college or career school for the first time. Your college or career school has a financial aid office to help guide you along the way.

WELCOME STUDENTS

BEYOND EDUCATION

WORKFORCE

When you take the time to plan for your education and let Federal Student Aid help you along the way, you'll be setting the foundation for a bright future and success in the workforce.

REPAYMENT

Once you leave school, you will need to repay your student loans. Contact your loan servicer to discuss your repayment options.

LOAN SERVICER

**Are you using the FREE
Financial Aid Toolkit ?**

**Help students and parents
prepare for college!**

**The Financial Aid Toolkit
provides federal student aid
information and outreach
tools for counselors, free
and easily accessible.**

**Go to
financialaidtoolkit.ed.gov**

**Free handouts,
presentations,
infographics, and
more!**



Why go to college?

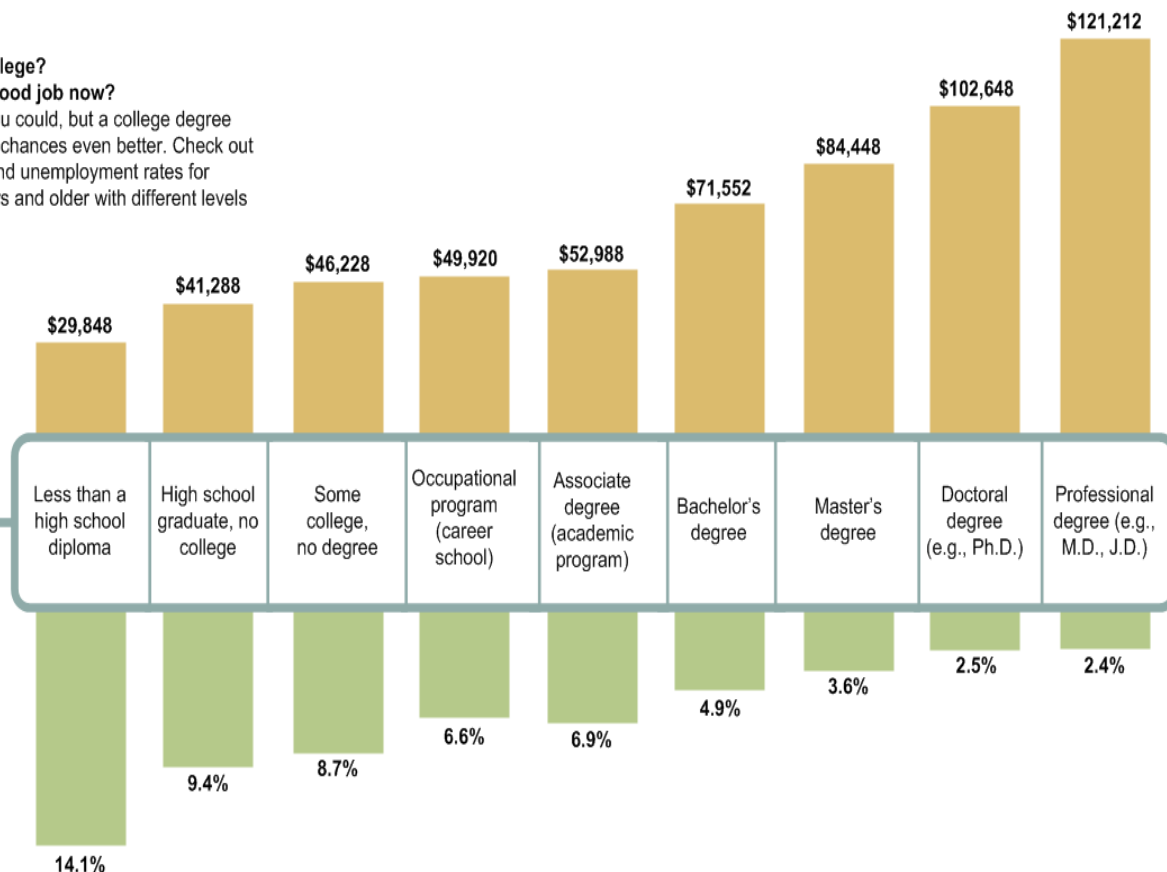
Can't I get a good job now?

Yes, maybe you could, but a college degree will make your chances even better. Check out the earnings and unemployment rates for people 25 years and older with different levels of education:

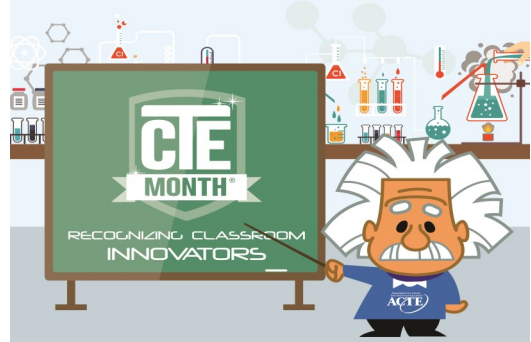
Mean (average) earnings in 2011

Level of education completed

Unemployment rate in 2011



Source: Bureau of Labor Statistics, Current Population Survey, unpublished tables, 2012.



Calling all CTE educators, administrators, career and guidance counselors and students! ACTE is pleased to announce the theme for CTE Month 2015: Recognizing Classroom Innovators!

CTE Month® is an annual celebration of CTE community members' achievements and accomplishments nationwide that is held in **February**. CTE Month 2015 will give the CTE community a chance to tell the stories of leadership and excellence from classrooms across the country and raise awareness of the crucial role that CTE has in readying our nation for economic success and workforce competitiveness. CTE classrooms are modern-day laboratories where students and educators alike are developing the skills that will power the future of college and career success. CTE classroom innovators are hard at work in nearly every community, and this February we invite you to join us in recognizing them. Whether it's by organizing a school visit, sending a letter to your Governor, or telling a friend what CTE means to you, start planning today to get involved in CTE month and recognize the CTE classroom innovators all around! A great way to get involved with CTE Month is to participate in ACTE's CTE Month Public Service Announcement (PSA) video contest or CTE Month Graphic Design Portfolio contest! To learn more, download ACTE's full announcement and contest rules through the below link.

<https://www.acteonline.org/ctemonth/#.U-OgM7HD-Uk>



College Goal South Carolina is a participating member of the **College Goal Sunday** program. **College Goal Sunday** is a volunteer program that provides free information and assistance to students and families who are applying for financial aid for postsecondary education. **College Goal South Carolina 2015** can provide the financial aid information that you're looking for in order to pay for your postsecondary education!

College Goal South Carolina is an opportunity for **ALL** students and parents/guardians to receive **free financial aid assistance** while completing and submitting the Free Application for Federal Student Aid (FAFSA). The FAFSA is the first step to receiving Federal aid and the second step to postsecondary access, and it is a vital requirement for most college students who plan to pay for college with the assistance of several different types of aids.

Participants will receive the following when attending the College Goal event:

- Receive help filing the FAFSA (Free Application for Federal Student Aid).
- Get advice from financial aid experts.
- Receive scholarship information.
- Learn about the process and next steps.

Students can register to attend an event at <http://sccango.org/college-goal-sc-students-sign-up/>

College Goal South Carolina is a participating member of the **College Goal Sunday** program. **College Goal Sunday** is a volunteer program that provides free information and assistance to students and families who are applying for financial aid for postsecondary education.

Know What To Bring...

If you are planning to fill out the Free Application for Federal Student Aid (FAFSA) at a College Goal South Carolina 2015 event, please make sure you read the [FAFSA CHECKLIST](#) or bring the following items in order to successfully complete and submit the FAFSA:

Apply for your Pin at www.pin.ed.gov

For more information on the PIN, please visit:

<http://studentaid.ed.gov/sites/default/files/what-is-a-pin.pdf>

- ★ 2014 federal income tax returns, W-2s, and other records of money earned**
- ★ Social Security number (you can find this on your social security card)
- ★ Driver's license (of any kind)
- ★ 2014 year-end pay stubs and other year-end records of money received
- ★ 2014 untaxed income records (Social Security, Temporary Assistance to Needy Families, welfare, or veterans benefits records)
- ★ 2014 bank statements
- ★ 2014 business and investment mortgage information, business and farm records, stock, bond and other investment records
- ★ Your alien registration card (if you are not a U.S. citizen)

Upcoming CTE Competitions & Workshops

February 19, 2015 - All-Star Student Automotive Competition – Midlands Technical College, Beltline Campus, 9:00 a.m. – For all NATEF Accredited High School Programs. For additional information, contact B.T. Martin btmartin@ed.sc.gov

February 27-28 – Palmetto Region FIRST Robotics Competition – North Myrtle Beach Convention Center – visit www.usfirst.org for additional information or contact B.T. Martin btmartin@ed.sc.gov

March 7, 2015 – Palmetto State VEX Robotics Competition for middle and high schools – Spring Hill High School, Chapin, SC – For additional information, visit www.roborevents.com or contact B.T. Martin btmartin@ed.sc.gov

March 7, 2015 – US FIRST LEGO State Competition (1st round) – Summerville High School, Summerville, SC – For additional information, visit www.usfirst.org or contact B.T. Martin btmartin@ed.sc.gov

March 9, 2015 – Project Lead The Way “Pathway to Engineering Competition” for high schools – Swearingen Engineering Center, 315 Main Street, Columbia, SC. For additional information, visit www.southcarolinaplthw.com . If you are interested in being a judge, contact Krystal Dubose kddubose@cec.sc.edu , B.T. Martin btmartin@ed.sc.gov , or Donn Griffith donn@cec.sc.edu

March 10, 2015 – Project Lead The Way “Gateway to Technology Competition” for middle schools – Swearingen Engineering Center, 315 Main Street, Columbia, SC. For additional information, visit www.southcarolinaplthw.com . If you are interested in being a judge contact Krystal Dubose kddubose@cec.sc.edu , B.T. Martin btmartin@ed.sc.gov , or Donn Griffith donn@cec.sc.edu .

March 11, 2015 – Project Lead The Way “Launch” Administrators Conference for elementary schools – Swearingen Engineering Center, 315 Main Street, Columbia, SC; presentations by Spartanburg School District 6. For additional information, visit www.southcarolinaplthw.com or contact Krystal Dubose kddubose@cec.sc.edu , B.T. Martin btmartin@ed.sc.gov , or Donn Griffith donn@cec.sc.edu

March 13, 2015 – Project Lead The Way Teacher Professional Development Workshop – OCTECH, Orangeburg, SC – For additional information, visit www.southcarolinaplthw.com or contact Krystal Dubose kddubose@cec.sc.edu , B.T. Martin btmartin@ed.sc.gov , or Donn Griffith donn@cec.sc.edu

March 20, 2015 – Project Lead The Way Teacher Professional Development Workshop – Piedmont Technical College, Greenwood, SC – For additional information, visit www.southcarolinaplthw.com or contact Krystal Dubose kddubose@cec.sc.edu , B.T. Martin btmartin@ed.sc.gov , or Donn Griffith donn@cec.sc.edu

March 21, 2015 – US FIRST LEGO State Competition – River Bluff High School, Lexington, SC – For additional information, visit www.usfirst.org or contact B.T. Martin btmartin@ed.sc.gov



MCP 101

MILITARY CAREER PATHWAYS 101

COLUMBIA, SC

JULY 21-23, 2015

Calling all Administrators, Educators, Counselors, and Career Specialists! Come explore for 3 days the vast array of military opportunities that exist for students. Learn about STEM careers, high demand job skills, military scholarships, and academic integration!

To find out more about MCP 101 summer institute course offering, visit :

<http://ed.sc.gov/agency/programs-services/143/>

or view video at

<http://www.kaltura.com/tiny/kvttta>

Registration opens in March!

2015 Education & Business Summit

"CTE: Today's Learners, Tomorrow's Earners"

June 21-24, 2015

Make your plans now to attend!

Visit www.ebsummit.info for details!



South Carolina Fact Sheet



CTE State Overview

At the secondary level, CTE is delivered through comprehensive high schools; career and technology centers that provide supplemental CTE programs to students within most of the larger school districts; two state correctional agencies, one for juveniles and one for adults, operating as special school districts and providing secondary CTE programs; and independent, multi-district career centers that provide CTE programs to students from districts that do not have their own career centers.

At the postsecondary level, CTE is delivered through the state's technical colleges.

Enrollment Data (OCTAE 2011-2012)

Secondary: 173,326
Postsecondary: 33,343

Student Performance (OCTAE 2011-2012)

96 percent of CTE high school students graduated

92 percent of CTE postsecondary students met performance goals for technical skills

80 percent remained enrolled or transferred to another postsecondary institution

Perkins Funding (OCTAE)

South Carolina received \$16,827,893 for Fiscal Year 2013, about \$1.8 million less than in 2012 and \$3.7 million less than in 2010. South Carolina allocates 70 percent of Perkins funds for secondary programs and 30 percent for postsecondary programs.

CTE Program Excellence

Greenville Technical College (GTC) was established to help improve the state's economy by producing skilled workers, and Greenville Tech has worked closely with employers to reach that goal ever since. GTC has participated in the BMW Scholars program since August 2011. This program provides real-world experience by allowing students enrolled in career paths related to manufacturing technology to attend class full-time at local community colleges while working part-time at BMW, rotating through different areas of the production process. During this process, BMW offers tuition assistance toward obtaining a two-year associate degree. While there are no job guarantees, when students finish, they are considered for full-time openings. The BMW Scholars program allows the company to create a well-qualified workforce. GTC partners with many other companies in a similar manner, including Michelin North America, GE, Bosch Rexroth and ADEX Machining. In addition, the college offers a wide range of programs in engineering, industrial and transportation technology, along with courses in Arts and Sciences, Business and Public Service, and Health Sciences and Nursing divisions along with a Corporate and Career division, which helps more than 400 companies annually with workforce needs. *(Profile adapted from the CTE Monthly newsletter)*

A youth apprenticeship partnership between Tognum America, one of the world's leading suppliers of engines, propulsion systems and diesel, gas and fuel cell power systems, and Aiken County Career and Technology Center, Aiken Technical College and the Aiken County School District combines high school education, classroom technical training and hands-on learning at the MTU Aiken Plant. As part of the apprenticeship program, students take courses at the Career Center with equipment provided by Tognum and curriculum developed in partnership with the firm. Career Center Director Brooks Smith explains that this training will lead to high-tech, high-paying jobs for Aiken County students: "When they complete this program, they'll be offered a starting job at \$32,000 a year. A lot of people with four-year degrees would love that." This U.S. Department of Labor Registered Apprenticeship program kicked off in the 2012-2013 school year. Participating students say they are learning and enjoying the experience and are interested in pursuing skilled jobs as well as postsecondary education. *(Profile adapted from Apprenticeship Carolina)*

2014 National Career Development Association

SC State Winners Announced

Recently 27 South Carolina public school students and 8 adult educators and/or adult learners were chosen as state winners in the National Career Development Association's 49th annual poetry and poster contest. The poetry and poster competition is conducted annually by the National Career Development Association in conjunction with the SC Department of Education, Office of Career and Technology Education as a means of promoting career awareness at all grade levels in schools. This year's competition attracted more than 6,000 entries state-wide, which demonstrates the extremely high level of career awareness activity in South Carolina."

For this competition, South Carolina students and educators created poems and posters based on the national theme of "Reimagining Life's Possibilities: Celebrating First Jobs through Encore Careers ". The poems and posters were first judged at the regional level. In turn, all first, second and third place regional winners were submitted to the State for state-level adjudication. All State winning entries were submitted to the National Career Development Association for judging at the national level. The National Career Development Association will release the names of the national winners for this year in April. The contest was judged on grade-level divisions in three categories: poetry, traditional poster (Category 1) and posters utilizing multi-media applications (Category 2).

State Poetry Winners

Primary Division (K-2): first place-**Nadia President**, Cross Elementary School; second place- **Camrynn Beck**, Rocky Creek Elementary School; third place-**JaHeim Wilson**-Crosswell Drive Elementary School

Elementary Division (3-5): first place-**Emmaline Jantz**, Paris Elementary School; second place-**Saylor Koon**, Rocky Creek Elementary School; third place-**Zoey Justice**, OP Earle Elementary School

Middle Division (6-8): first place-**Kelsi Dixon**, Blacksburg Middle School; second place-**Jennifer He**, Riverside Middle School; third place-**Stephen Smith**, Hartsville Middle School

Senior Division (9-12): first place- **Katlin Sanders**, Belton-Honea Path High School; second place-**Avery Hatcher**, Lakeview High School; third place-**John Price**, Greenville Tech Charter High School

Open Adult (18+ not enrolled in school): first place-**Margaret Sorrell**, Parent; second place-**Faith Brown**, West Florence High School; third place-**Gayle Mills**, Central High School

State "Category One" Poster

Primary Division (K-2): first place-**Alexandra Ortiz**, Boulder Bluff Elementary School; second place-**Ajahni Brown**, Boulder Bluff Elementary School; third place-**Leprest Dixon**, East Elementary School

Adult Student Division (18+ enrolled in school): first place-**Kourtney McKinney**, Converse College

Open Adult (18+ not enrolled in school): first place-**Beth Clark**, Strom Thurmond High School; second place –
Kammie Frady, Chastain Rd Elementary School

State “Category Two” Poster

Intermediate Division (3-5): first place-**Kamdyn Waldron**, Alice Drive Elementary School; second place-**Christian Williams**, Plantersville Elementary School; third place-**Gabbie Juan**, Chastain Road Elementary

Middle Division (6-8): first place-**Nicole Archundia**, Riverside Middle School; second place– **Austin Cannon**, Belton Middle School; third place-**Katie Ham**, Sneed Middle School

Senior Division (9-12): first place-**Jacob Smith**, Spartanburg Freshman Academy; second place-**Keonna Tucker**, Spartanburg Freshman Academy; third place-**Tyshaun Johnson**, CE Murray Jr/Sr High School

Open Adult (18+ not enrolled in school): first place-**Malissa Wright**, Williams J. Clark Middle; second place-
Tina Kelly, Chastain Road Elementary

On behalf of our staff at the Office of Career and Technology Education at the South Carolina Department of Education, we are proud of your accomplishment and congratulate you on the talent displayed in your winning entry.

*A framed copy of each award-winning entry will be on display in the South Carolina Department of Education throughout the
2015-16 school year. Best of luck at Nationals!*

