

MONDAY GENERAL INTEREST SESSIONS

CTAE Teacher Retention

Appropriate for: Administrators

Focus of Presentation: Teacher Motivation

Teachers are a vital component to any successful CTAE program...and they deserve to be treated that way! With budget constraints, increased accountability, and challenging work environments, how do we keep our teachers motivated and feeling appreciated? Attend this session to learn some cost efficient ways to motivate your teachers and boost morale!

Data-Driven Decision Making in CTAE

Appropriate for: Administrators

Focus of Presentation: Data Analysis

School Systems and Post-Secondary Institutions have access to more data than ever (for example, CTAE program data, Governor's Office of Student Achievement, Census Data, Georgia Department of Labor, Bureau of Labor Statistics), but with more data comes more challenges in actually making sense of the data and using it to drive strategy. Participants will learn about various data sources that can be used to drive decisions in career and technical education. Additionally, the session will teach participants techniques to analyze data and use data in strategic decisions.

Releasing the Power of CTAE Pathways

Appropriate for: Administrators

Focus of Presentation: Program Promotion

What if you had the opportunity to offer more students more pathway choices without having to create new programs and hire more teachers? What if it didn't even matter whether you had one student or seventy interested in a program, you could still offer it. What if you could have students completing multiple pathways? Interested? This presentation will show you how.

The Identification and Prioritization of Professional Development Needs for CTAE

Appropriate for: Administrators

Focus of Presentation: Professional Development

This presentation provides an overview of research conducted seeking to meet the professional development needs of teachers of CTAE subjects. In addition, the presentation will provide a rationale behind the need for customizing professional development offerings to teachers of CTAE subjects. An overview of the Georgia Teacher Assessment Performance Standards (TAPS) will be given. Lastly, the Borich Needs Assessment Model will be explained.

Administrators and Counselors Session - Standards and Guidelines of WBL/YAP

Appropriate for: Administrators & School Counselors

Focus of Presentation: Work-Based Learning

Discussed will be specific parts of the Standards and Guidelines of WBL that Administrators and Counselors need to understand in order to support their WBL and/or Youth Apprenticeship Program. Examples of related topics are: Proposed changes to funding, YAP grant requirements, coordinator schedules, role of the coordinator, legitimate placements, standards for supervision and related liabilities, teaching employability skills, building business and industry relationships, registered apprenticeships, YAP completers, C-NET, extended day for WBL.

The New Rules of Dealership Recruiting

Appropriate for: All GACTE Conference Attendees

Focus of Presentation: Automotive Manufacturing Sector

Technicians have never been in greater demand, nor shorter supply. Capable, motivated students are truly in the driver's seat for career opportunities and advancement.

10 Top Reasons to Attend a Technical College Near You

Appropriate for: All GACTE Conference Attendees

Focus of Presentation: Technical College/Transition

What are the Top Ten reasons to attend a technical college? The presentation will include information on the programs taught at the technical colleges, curriculum covered in programs, careers obtained by graduates, courses and programs for Move On When Ready high school students as well as information on student success and how technical colleges assist students in becoming graduates.

A Blueprint for Hosting a Manufacturing Day for Students, Parents, School Counselors

Appropriate for: All GACTE Conference Attendees

Focus of Presentation: Manufacturing Sector

This session will focus on sharing best practices, resources, potential sites, and guest speakers needed to host a day of learning about manufacturing in the state of Georgia. Emphasis will be placed on careers in Manufacturing, education and training needed for a career in Manufacturing, and potential job growth opportunities. The session will also provide resources available to educators that help not only explain career opportunities in manufacturing, but also information that can be shared with the students to bring about an awareness of the various manufacturers within our state of Georgia.

Careers in Natural Gas, Employability Skills & Energy Pathway Updates

Appropriate for: All GACTE Conference Attendees

Focus of Presentation: STEM/Energy Sector

This session is hosted by GEICC, Georgia Energy and Industrial Construction Consortium with speakers from Atlanta Gas Light Company (Southern Gas), Georgia Power, MEAG, Oglethorpe Power, Georgia Transmission and the EMCs of Georgia. Utility industry professionals will discuss skills based career opportunities available in the natural gas industry. Best practices developed by energy pathway educators will be shared with attendees. Employability skills necessary to succeed in the energy and utility industry will also be discussed.

Classroom Boredom Busters

Appropriate for: All GACTE Conference Attendees

Focus of Presentation: Instructional Methods

When boredom creeps into your classroom stealing your students' attention, who ya gonna call? Boredom Busters! This high energy session will give you the perfect antidote and help you banish boredom once and for all. Come play the Dating Game or watch as a student chooses the right CTAE match. Learn to infuse literacy skills in your classroom using fun and memorable strategies.

Cobb Workforce Partnership - Industry-led Talent Development

Appropriate for: All GACTE Conference Attendees

Focus of Presentation: Workforce Development

The Cobb Workforce Partnership is designed to connect employers with educators so that CTAE education can most effectively and efficiently lead students into high paying, high demand jobs in much needed fields. Our goal has been to make those partnerships easier and more productive than ever before, and to create an educational framework that is constantly adaptive to changing industry needs. We have demonstrated tremendous success with Construction and Trades, and hope that every industry sector can replicate their efforts. Furthermore, we have been called the state's model for locally-driven workforce development and education reform, and would be happy to help charge other communities to take a similar approach to that kind of collaboration and partnership.

Create a Positive Learning Environment for New Teachers through P.O.P.S.

Appropriate for: All GACTE Conference Attendees

Focus of Presentation: Teacher Motivation

The discussion will consist of strategies on how to create a positive learning environment for teachers who have been teaching 3 years or less through P.O.P.S.(The power of positive staff), building relationship with students, effective communication and leadership skills.

EarSketch: Teaching Coding through Music

Appropriate for: All GACTE Conference Attendees

Focus of Presentation: Computer Science

See a demo of the free and online EarSketch platform, which teaches Python, JavaScript and basic computing concepts through music. EarSketch is all integrated with an entire curriculum, a sound library with over 4,000 samples, a code editor and a console. Most of the samples come from popular genres such as dubstep or hip hop. This authentic and personal learning environment helps increase and diversify the population of students interested in Computer Science (CS). Teaching EarSketch does not require previous knowledge of music, Python, or JavaScript. This demo will give you the resources to teach with EarSketch. EarSketch is aligned the college board's Ap CSP class. It can be used in other teaching situations, from late elementary to college introductions to CS. EarSketch receives funding from the NSF, the Scott Hudgens Family Foundation, the Arthur M. Blank Family Foundation, and the Google Inc. Fund of Tides Foundation.

From Learning to Earning: Transition from School to Work

Appropriate for: All GACTE Conference Attendees

Focus of Presentation: Transition Services

This session will focus on the services provided by the Georgia High School High Tech (HSHT) program to students with disabilities. We will provide data that highlights why transition services are critical to high school students with disabilities. It will also define the High School High Tech program; the Five Guideposts for Success, that is the basis of the program; and the Community and program structure. The session will include strategies to involve Vocational Rehabilitation, Educational, and Community Partners in the program. Transition services that are provided to the students in the program will be outlined and discussed. The statewide computer competition and the assistive technology services provided by the High School High Tech Program will be outlined. We will highlight examples of existing and successful HSHT programs, and strategies and suggestions on how to start a HSHT program in a school system will be covered, as well as the benefits to students and schools.

How To Make Employability Skills Stick: Unique and Interactive Activities

Appropriate for: All GACTE Conference Attendees

Focus of Presentation: Employability Skills

Tom McNeal is a human resources professional who has hired over 3,000 people as well as an extreme sports athlete and youth speaker. Tom shares the common thread of what brings success and what brings challenges as it relates to 'employability skills'. This unique presentation includes real-world stories, interactive exercises and stunt bike riding that drives home key points and helps middle and high school students understand how they can stand out and shine no matter what their career aspirations are!

Incorporating Farm to Table at Your School

Appropriate for: All GACTE Conference Attendees

Focus of Presentation: Farm to Table Program

Agriculture and Food Science teachers will discuss and give examples of ways to incorporate Farm to Table strategies into your school and classroom. Presenters will give taste test and demonstrations of easily taught lessons using your own fresh school garden.

Instruction of Adaptive Curriculum Students in the CTAE Classroom

Appropriate for: All GACTE Conference Attendees

Focus of Presentation: Students with Disabilities

This presentation will focus on ways to serve students with mild and moderate intellectual disabilities in the CTAE classroom. I will discuss how they are chosen for a CTAE class and what needs they have. Suggestions will be given from current and past experiences with having these students in a variety of CTAE classes. I will discuss expectations for the para pros that will come with the students to the CTAE class. In addition we look at the expectations from the state and federal government and from some students with disabilities organizations, such as preparing all students for the workforce.

Microsoft Office Specialist (MOS) and Microsoft Technology Associate (MTA) Certifications – Real World Credentials for the Real World

Appropriate for: All GACTE Conference Attendees

Focus of Presentation: Credentials

MTA enables students to explore career paths in technology without requiring a big investment of time and resources. This certification provides a new standard for measuring and validating fundamental technology knowledge right in the classroom while keeping your budget and teaching resources intact. Certiport.com/MTA For students, MOS boosts academic performance and preps them for college and career. MOS 2016 certification gives students a commanding competitive edge in today's academic and professional environments. For educators, MOS courses provide targeted training and support every step of the way. For Administrators, MOS improves institutional results. Certiport.com/MOS

Project Ideas for Any Student

Appropriate for: All GACTE Conference Attendees

Focus of Presentation: Instructional Methods

Teachers often hit an "idea wall" when it comes to providing exciting and new projects for students. Various project ideas that can be used to engage and challenge students will be shared in this session.

Reaching Potential through Manufacturing

Appropriate for: All GACTE Conference Attendees

Focus of Presentation: Manufacturing Sector

RPM, Reaching Potential through Manufacturing is a partnership between the Richmond County School System and Textron Specialized Vehicles (E-Z-GO). The program helps students gain extra motivation to stay in school, graduate, and become career ready by providing classroom instruction, on-the-job training, key work/life skills, mentoring, and employment opportunities. Session participants will learn the following: How to develop a program to re-engage and intervene with students at risk of dropping out of high school; how to develop community and business partnerships for true work based learning opportunities; how to create and maintain a program culture focused on preparing students for graduation and career readiness; and how to create classroom structures to support students with academic and attendance deficiencies.

Reinventing CTE in Georgia's Prisons

Appropriate for: All GACTE Conference Attendees

Focus of Presentation: Workforce Development

Governor Deal was determined to experiment with criminal justice reform in what he calls "the laboratory of Georgia" by combining a number of policy and reform initiatives simultaneously. This presentation is a description of the literal reinventing of Career, Technical, and Post-Secondary Education in Georgia's Department of Corrections from a "boots on the ground perspective" by one of those working every day to make it happen.

Speak up, Speak Out, Advocate!

Appropriate for: All GACTE Conference Attendees

Focus of Presentation: Program Promotion

Who knows your program better than you? It's time to start telling your story the way it should be told and in a way that brings your student and program successes to light. From your local school board to your United States Senator, learn the best and most effective ways to tell your story.

The Need for Healthcare Providers Today and Tomorrow

Appropriate for: All GACTE Conference Attendees

Focus of Presentation: Healthcare

Each day the number of Americans age 65 and older increases. In 2014, 14.5% of the US population was aged 65 or older and this number is expected to grow to 23.5% by 2060. That is an increase from 46.3 million Americans aged 65 or older to 98 million. As American get older they experience a higher risk of Chronic Diseases. Some of the Chronic Diseases Americans may experience include: heart disease, cancer, chronic bronchitis, emphysema, stroke, diabetes, and Alzheimer's disease. As our aged population develop these chronic disease the need of medical care givers also increases. What is America doing to man the workforce to care for our beloved aged Americans?

Using Science to Help CTAE Students Find the Right Match

Appropriate for: All GACTE Conference Attendees

Focus of Presentation: Workforce Development

Georgia's economic growth is fueled by CTAE oriented industries like technology, construction, manufacturing, and healthcare. More than ever, we need students to enroll in, complete, and continue their education in CTAE pathways. It all begins with getting the right students into the right programs. Now there is a better way. YouScience, which is being used across the State of Georgia, is a state of the art technology to help your students find their best-fit CTAE pathway. Learn how to help students discover their own abilities and interests while increasing the relevance of school by linking education to high growth careers. YouScience will give you information, never before available, to guide students into high demand pathways that fit their aptitudes and interests. Hear case studies from CTAE Directors, Counselors, local employers and students on how YouScience is helping to energize CTAE programs, and find out how your school can take advantage of this innovative program.

Getting What You Need for Your Program

Appropriate for: Secondary School Instructors

Focus of Presentation: Program Promotion

Learn how to ask or find the things you want for your program. Different ways to utilize business and industry members to improve on your materials, recruitment, and resources available to your program.

How to Start a Full-Service Student-Run Credit Union in Your School

Appropriate for: Secondary School Instructors

Focus of Presentation: Finance Sector

In September 2016, Hiram High School's Financial Services Pathway partnered with MembersFirst Credit Union to offer Georgia's third full-service, student-run branch. The campus branch serves as an innovative way for students to become financially literate while gaining real-life work experience. Additionally, the Financial Services Pathway partners with other national and local programs to create a comprehensive learning experience. Participating students are provided a 3-pronged opportunity which includes the enhancement of their public speaking skills, interviewing techniques, and project management abilities, which in turn serves as a competitive advantage for Hiram High School students in the marketplace. This workshop will serve as an illustrative model of the power of school and community partnerships. See how one school and its community designed a program to enrich student learning, post-secondary preparedness and employability.

Integrated Entrepreneurship in Action

Appropriate for: Secondary School Instructors & Administrators

Focus of Presentation: Entrepreneurship Education

The Brookwood High School Integrated Entrepreneurship Program is on the forefront of Career and Technical education. Students in the program are encouraged to launch their own real business while earning their core Language Arts course credit at the same time! In this presentation, participants will hear how the program is structured and strategies for implementation.

Creating Meaningful Partnerships for College and Career Readiness

Appropriate for: Secondary School Instructors & Administrators

Focus of Presentation: Advisory Boards

Not sure you are making the most of your Advisory Board! This session will provide hands-on and practical insight to building strong Advisory Boards that promote college and career readiness. Strategies and best practices to engage and leverage district-wide and school level Advisory Boards to promote college and career awareness and readiness will be shared.
