

2015 Institute for CTE Educators

Expanding Opportunities for Students

July 6-10
Music City Center,
Nashville



Institute Sponsors

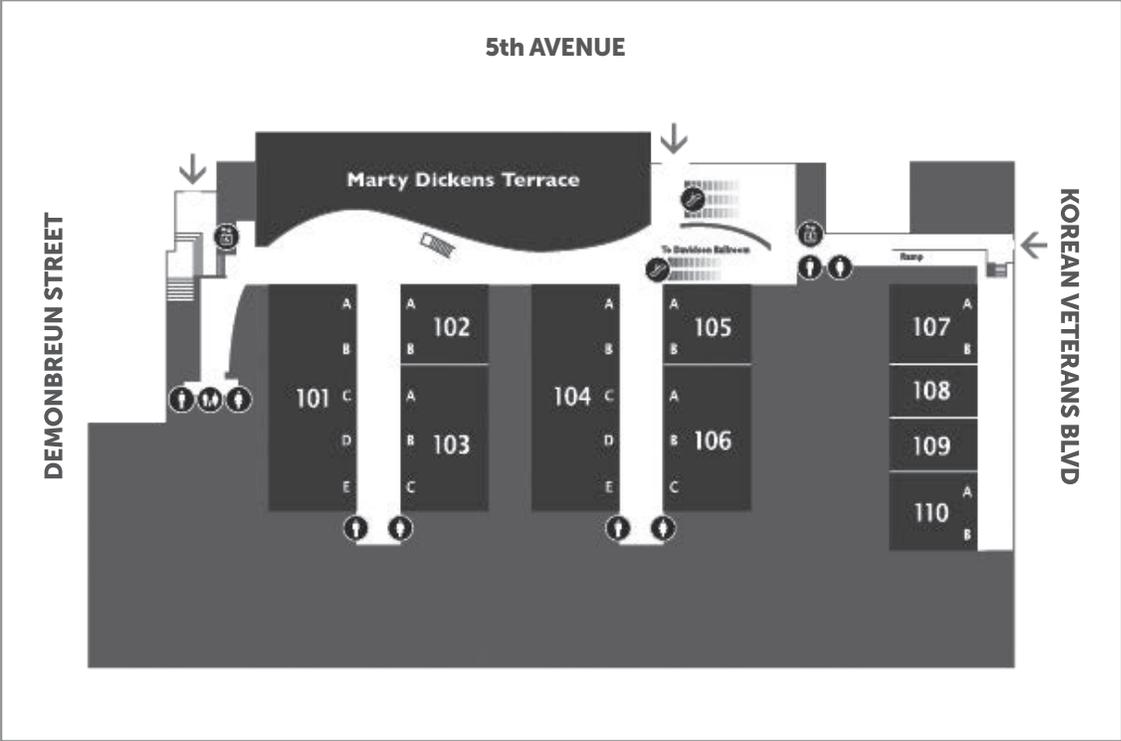
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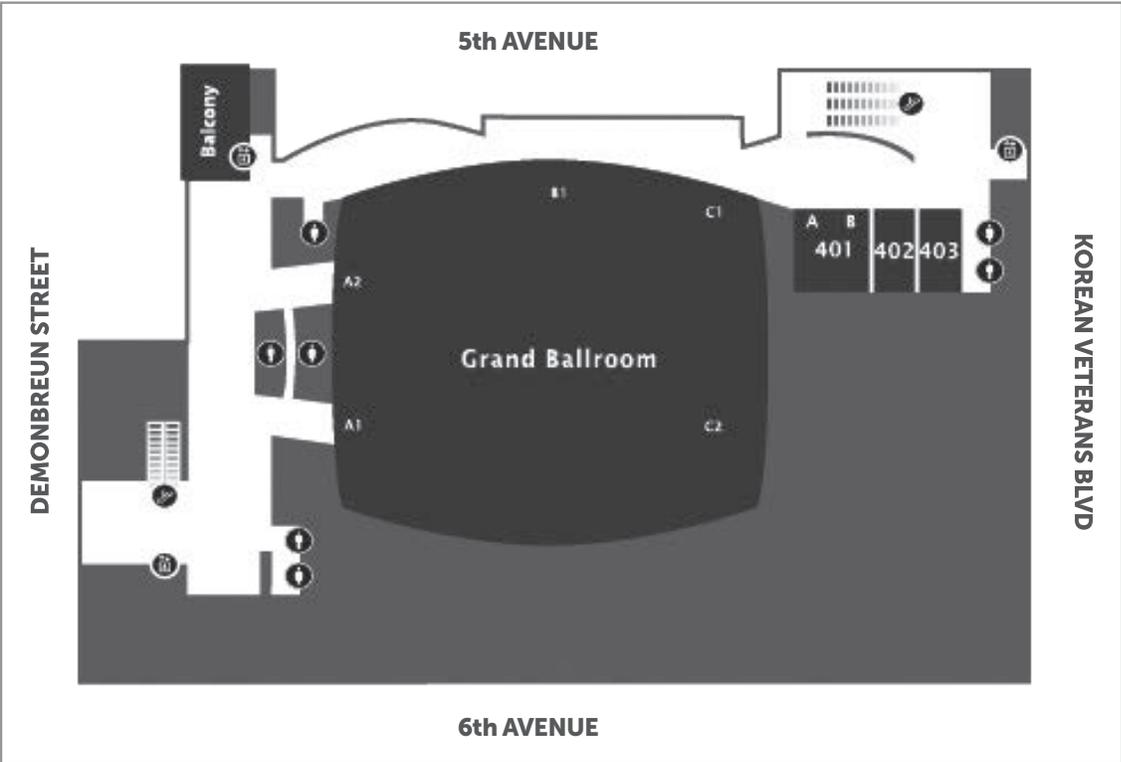
Music City Center

201 Fifth Avenue South Nashville, TN 37203 | 615.401.1400

Level 1 Meeting Rooms



Level 4 Grand Ballroom



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2015 Institute for CTE Educators General Agenda

Monday, July 6	Audience for Sessions	Session Focus
7 a.m.		Registration Opens Monday's sessions are specific to training, teachers who have taught for less than three years, and CTE directors
8:30-4:30	Training specific	<ul style="list-style-type: none"> • Clinical Internship and Nursing Education • Pesticide Certification • Math Workshop • NCCER (Off site at the ABC Board) • High Schools That Work (HSTW)
12-5:15 p.m.	New teacher sessions (for teachers who have taught three years or less)	<ul style="list-style-type: none"> • Understanding eTIGER and Navigating Data • Benefits of CTSOs for New Teachers • Classroom Management • Standards and Setting Up Your Classroom • Q&A Networking time with Career Cluster Consultants
9 a.m.-5:15 p.m.	CTE director sessions	<ul style="list-style-type: none"> • New CTE Director Training • Coaching and Developing Teachers Workshop • Q&A Networking time with Career Cluster Consultants
Tuesday, July 7	Audience for Sessions	Session Focus
7 a.m.		Registration Opens
8 a.m.-4:30 p.m.	All Audiences	Exhibitor Expo: connect with industry and vendors and win prizes with exhibitor bingo!
8 a.m.	All Audiences	Opening Session The official kick-off of the Institute for CTE Educators! Commissioner McQueen will address the audience and talk about CTE's role in College and Career Readiness.
8:30-11 a.m.	Teachers and CTE Directors	Career cluster specific sessions and general sessions
11:15 a.m.-1:15 p.m.	All	Lunch and exhibitor networking time
1:30-5:15 p.m.	Teachers and CTE Directors	Career cluster specific sessions and general sessions
Wednesday, July 8	Audience for Sessions	Session Focus
7:30 a.m.		Registration Opens
8 a.m.-4:30 p.m.	All Audiences	Exhibitor Expo: connect with a different group of exhibitors. Network with industry and teacher associations, CTE student organizations, Postsecondary institutions, get your licensing questions answered, and connect with department of education staff.
8 a.m.	Opening Session	Opening Session Listen the impact CTE has on students directly from some of our CTSO participants!
8:30-11 a.m.	Teachers and CTE Directors	Career cluster specific sessions and general sessions
11:15 a.m.-1:15 p.m.	All	Lunch and exhibitor networking time
1:30-5:15 p.m.	Teachers and CTE Directors	Career cluster specific sessions and general sessions
Thursday, July 9	Audience for Sessions	Session Focus

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8 a.m.		Registration Opens
8:30 a.m.-4:30 p.m.	Training specific	<ul style="list-style-type: none"> • GIS Training • ADDA Certified Drafting Technician (off site at Nashville State Community College in Room 1463) • ADDA Certified Digital Designer • Personal Finance (off site at the federal reserve) • Nutrition Science and Diet Therapy • Culinary Arts Workshop • Construction Content Workshop • OSHA • NOCTI Industry Certification (Off site at TCAT Nashville)
8:30 a.m.-4:30 p.m.	Industry Tours	Off-site tours of industry around middle Tennessee
Friday, July 10	Audience for Sessions	Session Focus
8 a.m.		Registration Opens
8:30 a.m.-4:30 p.m.	Training specific	<ul style="list-style-type: none"> • GIS Training • ADDA Certified Drafting Technician(off site at Nashville State Community College in Room 1463) • ADDA Certified Digital Designer • Personal Finance (off site at the federal reserve) • Culinary Arts Workshop • NIMS • OSHA • NOCTI Industry Certification (Off site at TCAT Nashville)
8:30 a.m.-4:30 p.m.	Industry Tours	Off-site tours of industry around middle Tennessee

Conference Information

REGISTRATION

Registration is located on Level 1 outside of Room 101. Attendees are required to check in at registration to receive their name badge prior to attending sessions.

ATTENDANCE TRACKING AND CREDIT GUIDELINES

Attendees are required to wear name badges at all times. Attendance will be tracked by scanning your name badge at each session you attend.

TASL CREDIT FOR ADMINISTRATORS

Administrators may receive up to 20 hours of TASL Credit for their attendance during the institute. Attendance will be tracked by scanning name badges at each session. To receive 20 hours of TASL credit, administrators will need to attend all sessions Monday through the end of Wednesday.

Please complete the blue TASL cards with your information and turn them in at the registration table marked for presenters.

BUSINESS CENTER

The UPS Store Business Center is conveniently located on Level 2 near registration and the Sixth Avenue entrance. Normal business hours are Monday through Friday, 8:00 a.m. to 5:00 p.m.

QUESTIONS AND INFORMATION

Have questions about the institute? Locate a "Yellow Shirt." People wearing Yellow Nashville Predators shirts can answer any questions you may have about the institute.

A special thanks to the Nashville Predators for sponsoring this event and their education nights for our Career & Technical Student Organizations.

LOST AND FOUND

Music City Center Lost and Found is located the MCC Information Desk on Level 2. Items are then periodically sent to the security office.

LUNCHES

Lunch will be provided to participants on Tuesday and Wednesday in the exhibit hall (Grand Ballroom AB). Lunch will be served on both days from 11:10 a.m. to 1:15 p.m. Name badges must be worn to gain entrance

STEM SESSIONS REQUIRED FOR NEW STEM TEACHERS

Teachers who are required to attend STEM training (for teachers who are new to teaching STEM courses) can complete this requirement by attending the starred (*) sessions in the STEM career cluster. These sessions are marked on the STEM career cluster on page 47-50. Attendance Monday-Wednesday is all that is required, any sessions offered on Thursday and Friday are optional. Certificates of completion will be emailed to teachers after the institute.

REFRESHMENTS

Beverage breaks will be available inside the exhibit hall on the 4th floor.

Choose Your Pathway to Success

Tennessee's 16 Career Clusters



Overview of Career Clusters

ADVANCED MANUFACTURING

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.

AGRICULTURE, FOOD, AND NATURAL RESOURCES

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.

ARCHITECTURE & CONSTRUCTION

Designing, planning, managing, building, and maintaining the built environment.

ARTS, A/V TECHNOLOGY, & COMMUNICATIONS

Designing, producing, exhibiting, and publishing multimedia content including visual design, journalism, and entertainment services.

BUSINESS MANAGEMENT & ADMINISTRATION

Planning, organizing, directing, and evaluating business functions essential to efficient and productive business operations.

EDUCATION & TRAINING

Planning, managing, and providing education and training services and related learning support services.

FINANCE

Services for financial and investment planning, banking, insurance, and business financial management.

GOVERNMENT & PUBLIC ADMINISTRATION

Planning and performing government functions at the local, state, and federal levels, including governance, national security, foreign service, and public management.

HEALTH SCIENCE

Planning, managing, and providing therapeutic services, diagnostic services, health informatics, and biotechnology research and development.

HOSPITALITY & TOURISM

Hospitality and Tourism encompasses the management, marketing and operations of restaurants and other food services, lodging, attractions, recreation events, and travel-related services.

Overview of Career Clusters

HUMAN SERVICES

Preparing individuals for employment in career pathways that relate to families and human needs such as family and community services, personal care, and consumer services.

INFORMATION TECHNOLOGY

Building linkages in IT occupations for entry level, technical, and professional careers related to the design, development, support, and management of hardware, software, multimedia, and systems integration services.

LAW, PUBLIC SAFETY, CORRECTIONS & SECURITY, AND GOVERNMENT & PUBLIC ADMINISTRATION

Planning, managing, and providing legal, public safety, protective services, and homeland security, including professional and technical support services.

MARKETING

Planning, managing, and performing marketing activities to reach organizational objectives.

SCIENCE, TECHNOLOGY, ENGINEERING, & MATHEMATICS (STEM)

Planning, managing, and providing scientific research and professional and technical services (e.g., physical science, social science, engineering) including laboratory and testing services and research and development services. Given the critical nature of much of the work in this cluster, job possibilities abound even in times of economic downturn. A shift in emphasis toward preventing problems rather than controlling those that already exist, as well as increasing public health concerns, will also spur demand for these positions.

TRANSPORTATION, DISTRIBUTION, & LOGISTICS

Planning, management, and movement of people, materials, and goods by road, pipeline, air, rail, and water and related professional and technical support services.

General Sessions

MONDAY

M 8:30 - 4:30 | 102A

High Schools That Work Workshop

This session is open to all HSTW school teams. The session will focus on the HSTW priorities and 10 key practices, changes to HSTW assessment and surveys, and HSTW school improvement services with an emphasis on aligning these services with school, district, and state goals.

Lois Barnes

Director, State Services for School Improvement

M 1:35 - 3:30 | 101A

Managing Your Class So It Does Not Manage You

Theory is great, in theory. Various CTE cluster instructors will share real classroom management strategies that have worked in our classrooms. Explore best practices for ensuring instruction time is maximized because distraction time is minimized!

Jeremiah Davis

Metro-Nashville Public Schools

M 2:35 - 4:30 | 106C

Understanding eTIGER and Navigating Data

This session will focus on eTIGER reporting requirements and understanding the data and information which can be generated based off of individual teacher reported data.

Li-Zung Lin

Data Assessment Consultant

TUESDAY

T 8:00 - 8:30 | Grand Ballroom C

Opening Session

The official kick-off of the institute for CTE Educators! Commissioner McQueen will address the audience and talk about CTE's roll in College and Career Readiness.

T 8:50 - 9:45 | 106C

Advising Students on the Postsecondary Landscape

CTE students have many options when it comes to furthering their education beyond high school. Whether it's a two-year program at a Tennessee community college, a four-year bachelor's program, or a certificate program from a Tennessee College of Applied Technology (TCAT), the postsecondary landscape offers a wealth of institutions and degrees to choose from. This session is designed to help CTE teachers (and interested administrators) gain a clearer idea of what programs are available at postsecondary institutions in their career clusters, and what requirements students need to meet in order to enroll, succeed, and graduate.

Bob Dixon

Dean of Technical Education

T 8:50 - 9:45 | 102A

How to use SkillsUSA contests to teach your standards.

Overview for new advisors and existing advisors on SkillsUSA and how to best utilize it in the classroom.

Mindy Acklen

Instructor

T 8:50 - 9:45 | 101A

Practical Instructional Strategies for Formative Assessment and Redos

Informal, or formative assessments, are about checking for understanding in an effective way in order to guide our instruction. They are used during instruction rather than at the end of a unit or course of study. In this session participants will engage in practicing teaching strategies most closely tied to successful formative assessment and learn tips for managing feedback/redos that both incentivize and hold students accountable.

Lois Barnes

Director, State Services for School Improvement

T 10:00 - 10:55 | 102A

Free Funding For Your CTE Projects and Programs

Bring your technology device and learn how to use DonorsChoose, along with other resources, to creatively fund your CTE classroom projects. We will complete a basic project proposal for those who bring their technology. If you do not BYOD, no worries! You can still take the information back with you to complete a project on your own.

Rhonda Combs

CTE Teacher

T 10:00 - 10:55 | 101A

Get into Kahoot with your students!

Teachers will gain hands-on experience with two tools for formative assessments in their classrooms. Kahoot! is a classroom response system that plays on the competitive nature of students in game-like setting. Students are able to use their personal devices or computers as their response tool. Plicker cards are response cards that allow the classroom teacher to use a smartphone camera as a formative assessment tool. Getting student responses takes only seconds. Teachers, at the touch of a button, have classroom results as well as individual responses. Devices: Smart phones and tablets.

Tanya Vann

Assistant Principal of academics and testing

Wes Langford

T 11:10 - 12:05 | 102A

B+ or A-? Making Grades Meaningful for Students and Teachers

Students are responsible and accountable for their learning. Teachers create expectations and provide support for them to learn, and they assess student learning and performance. Grades are a measure of that learning. By using Standards-Based Grading, teachers can provide very specific feedback for students to improve their learning outcomes ... and students are empowered to keep working until they actually master the specific knowledge and skills needed to be successful in college, career, and life. Participants will discuss the theory and benefits of Standards-Based Grading, learn how to make data-driven changes in instruction based on student responses and feedback, and examine realistic and practical ways for successful implementation.

Jeremiah Davis

Metro-Nashville Public Schools

T 11:10 - 12:05 | 101A

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Rhonda Combs

CTE Teacher

T 11:10 - 12:05 | 105AB

Teaching Professionalism Skills to Increase Student Success

This session will focus on teaching and modeling professionalism in the classroom to increase student success during clinicals, internships, and job shadow experiences. Increase your awareness of what industry professionals, business partners, and potential employers are looking for from our students outside of the classroom.

Lonny Nelson

CTE teacher lead, Metro Nashville Public Schools

T 12:20 - 2:25 | 102B

It's More Than a Highlighter! Literacy Skills in the Digital Age

From robotics to radiology, programming to prosecution, our students must be able to read, comprehend, and analyze complex informational text—our trademark in CTE! Their reading, writing, and speaking must be grounded in evidence ... and they must be able to use technology and digital media strategically and capably. Participants will examine and experience instructional strategies that go beyond reading and highlighting text ... with a particular emphasis on digital learning tools ... to prepare our students for college and career. Bring your smartphone and be prepared to use them!

Jeremiah Davis

Metro-Nashville Public Schools

T 1:30 - 2:25 | 102A

Capstone Experiences for CTE Concentrators

This session will explore possibilities for capstone project experiences for CTE concentrators. We will highlight the MNPS Capstone model and provide examples of student capstone projects and how you can build these opportunities for your students.

Chelsea Parker

Executive Director of WBI, Division of College, Career Technical Education

T 2:55 - 3:50 | 102A

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Chelsea Parker

Executive Director of WBI, Division of College, Career Technical Education

T 4:05 - 5:00 | 102A

Instructional Strategies for Business, Finance, and Marketing Programs of Study

Get a head start on lesson planning with the new standards. You will leave with ideas for formative assessments, group activities, portfolio entries, and more. Participants will be asked to share ideas and best practices so we can all benefit from the great ideas our teachers use every day.

Candi Norwood

Business Administration, Finance, and Management & Marketing Consultant, Division of College, Career and Technical Education

T 4:05 - 5:00 | 101DE

LET'S MOVE: Classroom Motivation through Movement

Don't just sit there, let's get moving and thinking! This session will focus on fun activities that can be used for both assessment and teaching classroom materials. Get ready to have fun and to get the creativity flowing!

Michael Morrow

Rutherford County

WEDNESDAY

W 8:00 - 8:30 | Grand Ballroom C

Opening Session

Ted Townsend, chief of staff for the department of economic and community development and listen the impact CTE has on students directly from some of our CTSO participants!

W 8:50 - 9:45 | 104C

What Students Need to Succeed: Connecting to Postsecondary Opportunities at Tennessee Colleges of Applied Technology

The presentation covers how to improve student success in career readiness. The topics covered will be based on the belief that most students can master complex academic and technical concepts if schools create an environment that encourages them to make the effort to succeed, and shares the vast opportunities available in postsecondary education in Tennessee.

A major focus of this effort is awareness of the high-quality career-technical education opportunities available at Tennessee Colleges of Applied Technology. We will discuss how teachers and counselors can increase their students' motivation to succeed in academic studies if they will connect studies directly to a specific career pathway choice that pertains to the students' interests and goals. The goal is to better prepare students for success in their postsecondary studies, advanced training and careers.

Shirely Brown

Electronics/Electro-Mechanical Technology Instructor

John Laubach

W 8:50 - 10:55 | 105AB

Make your classroom observation ready everyday!

This presentation is intended for all new and seasoned educators that wish to learn new ways to create the best classroom learning atmosphere for students. The goal is to provide ideas to keep your classroom and lessons observation ready at all times.

Robin Barnett

RRT/Educator, Rutherford County

W 8:50 - 9:45 | 108

Incorporating ACT vocabulary into the CTE classroom

The focus is activities to incorporate ACT vocabulary into CTE classroom. Both general and content specific activities will be covered. Sample activities will be demonstrated and provided.

Mary Cooper

CTE Teacher, Blount County

Dr. Alisa Teffeteller

W 8:50 - 9:45 | 102B

Improving our CTE student's mindset about writing

Participants will be introduced to powerful self-regulated strategies to improve their students' mindset about writing. Participants will work in a collaborative, engaging team environment that includes hands-on, standards-based activities, interactive presentations, and gallery walks. Participants will receive valuable resources and materials.

Dr. LaJoyce Weatherspoon

Clarksville-Montgomery County Schools

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W 8:50 - 10:55 | 101A

Enhanced CTE Project-Based Learning That Impacts Student Success

What's the difference between "doing a project" and project-based learning? In this session participants will look at the essential elements of PBL, critique teacher-made PBL units and practice developing the project description for a PBL unit using a template that places students in an authentic workplace scenario.

Lois Barnes

Director, State Services for School Improvement

W 8:50 - 9:45 | 107AB

Beyond the Career and Technical Advisory Panel: How to make meaningful connections with business and industry.

We need them, they need us. So where is the breakdown when it comes to real working partnerships between business and industry? Communication, communication, communication. This session will outline the successes and challenges of the Bradley County Schools District's development of business, industry, and community collaborations. Interactive discussion will outline what education should know about industry, how partnerships create classroom relevance for all teachers, and industry's role in creating career ready citizens. Come learn how to develop a comprehensive community plan on a shoe string budget.

Arlette Robinson*Career and Technical Director***Brittany Cannon**

W 10:00 - 10:55 | 102B

Student Writing in CTE

Participants in this session will work from the new CTE course standards on how to create writing assignments. Writing assignments that are aligned to the standards and are meaningful to student progress. Participants will work in small groups as we look at: writing prompts, writing rubrics, and assessing student writing.

Arthur Baham*Carpentry Teacher*

W 11:10 - 12:05 | 101A

Incorporating (Easy-to-Use) Technology into the CTE Classroom

This session will inform educators about free or inexpensive applications, websites, and programs that are available. Educators attending this session will walk away with enough knowledge to immediately incorporate these technologies into their daily lessons. The strategies from this session will help keep students engaged, give educators valuable, immediate feedback on student knowledge retention, and help incorporate literacy into the classroom.

Joshua Haley*Health Science Teacher*

W 11:10 - 12:05 | 102B

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Dr. LaJoyce Weatherspoon*Clarksville-Montgomery County Schools*

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Robin Barnett*RRT/Educator, Rutherford County*

W 12:20 - 1:15 | 106C

Layered Curriculum: A Scaffold for Learning

The use of layered curriculum can create an engaged, on-task, and goal-oriented classroom. It promotes independence and peer teaching. Confidence and autonomy thrive in this environment. Layered curriculum also promotes activities that match the various ways students learn.

Jan Wallace*Health Science Educator*

W 1:30 - 2:25 | 106C

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Jan Wallace*Health Science Educator*

W 1:30 - 2:25 | 101A

Real-World CTE and General Education Integration Examples

We will look at real-world examples of how CTE classes have teamed with general education classes to teach standards in a way students want to learn and are excited to achieve academic success. CTE and General Education Teachers will share their projects to help you think of ways to integrate with other teachers in your school. Project Based Learning will be discussed, but the focus is on how the integration took place and the outcome for students!

Jeremiah Davis*Real-World CTE and General Ed. Integration Examples*

W 2:55 - 3:50 | 102B

TACTE Award/Voting Delegate Session

TACTE Awards/Voting Delegate session for CTE teachers and students. TACTE will recognize and present the CTE director, teacher, program and student award winners. Annual TACTE meeting to be held following awards ceremony.

Ronnie Teague*CTE Director*

W 2:55 - 3:50 | 103A

How to make Work Based learning a learning success!

How to develop and implement a successful work based learning program for your CTE students. Student selection process, community and business support, class structure and organization will be key topics discussed.

Tim Mackie*CTE Director*

W 2:55 - 3:50 | 102B

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Ronnie Teague*CTE Director, McNairy County High School*

W 4:05 - 5:00 | 103A

“iCEV Implementation: Certification, Automatic Testing & Grading and Course Management“

Another year means more new content and features! From industry-backed certifications to automatic testing and grading, to managing your class roster, iCEV’s new course management tools will make classroom implementation even easier. Come witness how access to iCEV’s vast library of educational material can give you differentiation strategies and assessment options.

Patrick Little*Agriculture Educator*

THURSDAY

For more information on industry tours visit our information kiosk at registration

TH 1:00 - 2:00 | Green Door Gourmet

Green Door Gourmet Industry Tour**Kate Compton***Education Coordinator, Green Door Gourmet*

TH 8:30 - 9:30, 9:30 - 10:30, 10:30 - 11:30 - 11:30 - 12:30

Industry Tour- Red Cross**Nathan Baker***Representative, Red Cross*

TH 10:00 - 10:20 , 1:00 - 1:20 | TBI Fusion Center

Industry Tour- TBI Fusion Center**Dianne Peoples**

TH 10:00 - 11:00 | Aegis Science Corporation

Industry Tour- Aegis Science Corporation**Darcie Duckworth**

TH 10:00 - 10:20 , 1:00 - 1:20 | TBI Fusion Center

Industry Tour- TBI Fusion Center**Dianne Peoples**

TH 10:30 - 11:10 | Antioch H.S. Main Lobby

Antioch High School Education and Training

Meet in Main lobby of School.

Donna Gilley*CTE Coordinator, Antioch High School Education and Training*

TH 9:00 - 10:00 | Music City Center

Erin Hampton*VP Human Resources, Music City Center*

FRIDAY

F 10:00 - 10:30, 1:00 - 1:30 | TN Emergency Management

Industry Tour- TN Emergency Management**Mary Lynn Gillingham***TN Emergency Management Agency*

F 1:00 - 2:00 | Hendersonville Medical Center

Industry Tour- Hendersonville e Medical Center**Jason Erlewine***Emergency Preparedness Coordinator, Hendersonville Medical Center*

F 1:00 - 2:00 | Hendersonville Medical Center

Industry Tour- Hendersonville e Medical Center**Jason Erlewine***Emergency Preparedness Coordinator, Hendersonville Medical Center*

ADMINISTRATORS/CTE DIRECTORS

MONDAY

M 9:00 - 11:30 | 105AB

New CTE Director Training: Capacity Building through the Three P's

This session will focus on the three Ps: Programs of Study (Instruction), Perkins (Accountability), and Pathways (College and Career Readiness). This training will prepare new CTE Directors in meeting the requirements of Perkins Act of 2006, building effective programs and instruction, and creating seamless pathways for student success.

Ryan Goodman

Southeast CTE Consultant TDOE

M 1:35 - 2:30 | 105AB

Setting the Context for CTE Director Professional Development in 2015-16

This session will set the schedule and context for CTE director professional development offered throughout 2015-16.

Kesha DeJarnett

Director of Talent Improvement

M 2:35 - 3:30 | 105AB

Office of Civil Rights Compliance and Methods of Administration

This session will focus on Methods of Administration Monitoring and what every CTE director needs to know about the process.

Quache Spencer

Strategic Projects Manager

M 3:35 - 4:30 | 105AB

Tennessee Directors of CTE Meeting

Meeting for the Tennessee Directors of CTE

Curtis Gillespie

CTE Director, Jackson-Madison County

TUESDAY

T 10:00 - 10:55 | 104C

Joining Forces For Better Eating

This session chronicles the implementation of an innovative and "green" culinary arts program at Lenoir City High School in East Tennessee. Special emphasis is placed on the collaborative efforts that were utilized, between numerous CTE and tradition academic/ fine arts programs within the school, to offer a culinary program that promotes the use of local food sources and sustainable practices. Future plans for the program, including rooftop gardening and the further addition of solar arrays, will also be discussed. This session is particularly appropriate for teachers who seek collaborative efforts and who like to "think outside of the box".

Melanie Maples-Harris

CTE Director, Lenoir City

Amanda Parks

T 10:00 - 10:55 | 105AB

Operation TeleHealth

This session will focus on how a rural school district partnered with local medical providers to teach students how to use telemedicine equipment to conduct patient assessments during simulated clinical scenarios and transmit results electronically.

Beverly Hall

CTE Director, Wayne County

Lisa Edwards

Lindsay Statom

T 11:10 - 12:05 | 104B

A Collaborative Approach to Advanced Manufacturing Pathways

In an effort to support the call to increase Tennessee's worldwide competitiveness in Advanced Manufacturing, the Greene Technology Center, in collaboration with Greene County Schools, Greeneville City Schools, Tennessee College of Applied Technology (TCAT-Morrisstown), the Greene County Partnership (Economic Development Board), and local industries developed an Advanced Manufacturing Institute for secondary students, post-secondary students, and adults. This collaboration provides pathways in advanced manufacturing that address the region's growing gap in the skilled workforce. Cooperation between industry, education, and government is designed to develop a highly skilled workforce to meet the needs of our employers, provide opportunities for our students, and strengthen Tennessee's economy.

Jerry Ayers

CTE Director

T 11:10 - 12:05 | 106A

Completing a Successful Reserve Grant Application

Highlights from gathering support and funding from outside sources and completing a successful Perkins Reserve Grant application to build a new agriculture/horticulture complex.

Lindsey Parham

agriculture teacher / CTE director, McKenzie Special School District

T 11:10 - 12:05 | 104B

The Connect Project

Teacher Externships offer a unique professional development opportunity connecting the classroom to the workplace. They provide an experience in which teachers spend time in a workplace to learn through direct experience about trends, skill requirements and opportunities in industries related to their subject in order to enrich and strengthen their teaching and bring relevance to student learning.

David Brewer

CTE Director

T 11:10 - 12:05 | 104B

A Collaborative Approach to Advanced Manufacturing Pathways

In an effort to support the call to increase Tennessee's worldwide competitiveness in Advanced Manufacturing, the Greene Technology Center, in collaboration with Greene County Schools, Greeneville City Schools, Tennessee College of Applied Technology (TCAT-Morristown), the Greene County Partnership (Economic Development Board), and local industries developed an Advanced Manufacturing Institute for secondary students, post-secondary students, and adults. This collaboration provides pathways in advanced manufacturing that address the region's growing gap in the skilled workforce. Cooperation between industry, education, and government is designed to develop a highly skilled workforce to meet the needs of our employers, provide opportunities for our students, and strengthen Tennessee's economy.

Jerry Ayers

CTE Director

T 2:55 - 3:50 | 108

Tools for success to setup a Mechatronics/Electromechanical program

Advanced Manufacturing is one of the fastest growing clusters in our nation today. Cleveland High School has setup a Electromechanical/Mechatronics program over the past 2 years and in this session, strategies, techniques, equipment list, cost, teacher training, etc. will be shared.

Renny Whittenbarger

CTE Supervisor

WEDNESDAY

W 8:50 - 9:45 | 104B

Uniform Grant Guidance, WIOA and Perkins Reauthorization with Michael Brustein

This informative session will focus on everything a CTE director needs to know about the new Uniform Grant Guidance impacting the way federal funds can be utilized.

Michael Brustein

Brustein, Manasevit

W 8:50 - 10:55 | 102A

CTE Director Collaboration on Building Strong CTE Programs

Session will allow CTE Directors to examine the components of strong CTE programs such as rigorous content, advisory committees, business partners, work based learning and CTSO's as well as other resources within their communities to create a plan for creating, implementing and expanding programs in their district. Session will allow for the free exchange of ideas and allow directors to see what is working in the Clarksville-Montgomery County district as well as other district's across the state. This will be a working session and will allow Director's to collaborate and learn from each other.

Karen Pitts

CTE Coordinator

W 10:00 - 10:55 | 107AB

Beyond the Career and Technical Advisory Panel: How to make meaningful connections with business and industry.

We need them, they need us. So where is the breakdown when it comes to real working partnerships between business and industry? Communication, communication, communication. This session will outline the successes and challenges of the Bradley County Schools District's development of business, industry, and community collaborations. Interactive discussion will outline what education should know about industry, how partnerships create classroom relevance for all teachers, and industry's role in creating career ready citizens. Come learn how to develop a comprehensive community plan on a shoe string budget.

Arlette Robinson

Career and Technical Director

Brittany Cannon

W 11:10 - 12:05 | 104A

Incorporating new programs within existing ones to meets the needs of all stakeholders.

This session will demonstrate the logistics of adding a new CTE program within an existing program to better meet and supply the needs of the community. This session will also discuss how to partner , both educationally and financially, with industry and postsecondary education as an integral part of this process.

Herbie Adams

CTE Director, Johnson County

Jerry Agan, Jr

W 12:20 - 1:15 | 102A**Beyond the Career and Technical Advisory Panel: How to make meaningful connections with business and industry.**

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Arlette Robinson*Career and Technical Director***Brittany Cannon****W 2:55 - 3:50 | 101A****Federal Policy Update: How to Get Involved and Promote Your Programs**

Congressional legislation, federal regulations and national policies all have the potential to affect your work at the local level. Learn about the most important policy actions this year, hear the latest on congressional activity and federal funding, and see the potential impact of national policies on career and technical education. This session will also explore a wide range of strategies and resources available for getting more involved in the policy process and sharing your programs' successes and challenges with policymakers at the federal, state and local levels.

Alisha Hyslop*Director of Public Policy*

Advanced Manufacturing

MONDAY

M 12:00 - 1:30 | 108

Advanced manufacturing, IT, and STEM standards and setting up your classroom

Struggling connecting content and instruction? Need to know where to find resources to teach your standards? We are here to help! Come discover simple solutions and resources you can use in your classroom

Deborah Knoll

Advanced Manufacturing, Information Technology, and STEM Career Cluster Consultant

M 1:35 - 2:30 | 104B

TSA Update

Still have questions? Feel like you need a little more clarification? Come talk to your CTE Specialist! We want to help you get the tools and resources you need to be successful.

Dina Starks

Director of Student Leadership

M 1:35 - 2:30 | 102B

Benefits of SkillsUSA for New Teachers

Want to know how to engage your students? Incorporate CTSOs into your classroom! This session will talk about how to go about starting a chapter and advisor supports available.

Mindy Acklen

M 4:35 - 5:15 | 104C

Q&A Networking time with Advanced Manufacturing, Information Technology, and STEM Consultant

Still have questions? Feel like you need a little more clarification? Come talk to your Career Cluster Consultant! We want to help you get the tools and resources you need to be successful.

Deborah Knoll

Advanced Manufacturing, Information Technology, and STEM Career Cluster Consultant

TUESDAY

T 8:50 - 10:45 | 104A

Student Success: Classroom Relevance in the Career-Ready Conversation

Is your CTE program focused on the drastic skills gap in today's workforce? Is your classroom effective at combining relevant workplace skills with academic standards? Come find out at this career-readiness workshop presented by SkillsUSA. We'll share several timely resources that support the framework of the SkillsUSA mission, which include personal, workplace, and technical skills grounded in academics – all essential to a successful, student-oriented CTE program. Highlights include the unveiling of a new chapter excellence program, an innovative curriculum that infuses 21st Century skills aligned with literacy Standards, plus strategies to ensure that students are career-ready.

Gayle Silvey

Membership Development Liaison

Debbie Peabody

T 11:10 - 12:05 | 104B

A Collaborative Approach to Advanced Manufacturing Pathways

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David Brewer

CTE Director

T 12:20 - 2:25 | 104A

Certifications in Electricity, Torque and Diagnostics

I will update this description for publication in program—Our format will be to introduce instructors to the Snap-on/NC3 Certification programs with an overview, followed by a hands on portion of the training for the instructors to experience. This will allow them to experience the program, show how it is used in the classroom and the eventual outcome of stackable certifications for the students.

Timothy Smith
District Sales Manager

James Walpert

T 2:55 - 3:50 | 104A

A Collaborative Approach to Advanced Manufacturing Pathways

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CTE Director

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Tools for success to setup a Mechatronics/Electromechanical program

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Renny Whittenbarger
CTE Supervisor

T 2:55 - 3:50 | 104B

TSA Update

Still have questions? Feel like you need a little more clarification? Come talk to your CTE Specialist! We want to help you get the tools and resources you need to be successful.

Dina Starks
Director of Student Leadership, Division of College, Career & Technical Education

T 2:55 - 3:50 | 103B

SkillsUSA Update

Still have questions? Feel like you need a little more clarification? Come talk to your CTE Specialist! We want to help you get the tools and resources you need to be successful.

Mindy Acklen

T 2:55 - 5:00 | 109

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Gayle Silvey
Membership Development Liaison

Debbie Peabody

WEDNESDAY

W 8:50 - 9:45 | 104C

What Students Need to Succeed: Connecting to Postsecondary Opportunities at Tennessee Colleges of Applied Technology

The presentation covers how to improve student success in career readiness. The topics covered will be based on the belief that most students can master complex academic and technical concepts if schools create an environment that encourages them to make the effort to succeed, and shares the vast opportunities available in postsecondary education in Tennessee.

A major focus of this effort is awareness of the high-quality career-technical education opportunities available at Tennessee Colleges of Applied Technology. We will discuss how teachers and counselors can increase their students' motivation to succeed in academic studies if they will connect studies directly to a specific career pathway choice that pertains to the students' interests and goals. The goal is to better prepare students for success in their postsecondary studies, advanced training and careers.

Shirely Brown
Electronics/Electro-Mechanical Technology Instructor

John Laubach

W 10:00 - 12:05, 2:55 - 5:00 | 104C

Better Together

This session will focus on the benefits of teamwork and working with others. We will discuss the benefits and methods of grouping students in both the classroom and shop. We will then look at how collaboration and networking with teachers of other subjects and teachers from other school districts can improve our teaching, in much the same way that grouping promotes learning. Finally, we will discuss how partnering with construction professionals in your local area can provide invaluable opportunities for your students, as well as your program.

Rich Murray

Construction/Carpentry Teacher, Johnson City School System

Robert Tester

W 4:35 - 5:00 | 104C

Q&A Networking time with Advanced Manufacturing, Information Technology, and STEM Consultant

Still have questions? Feel like you need a little more clarification? Come talk to your Career Cluster Consultant! We want to help you get the tools and resources you need to be successful.

Deborah Knoll

Advanced Manufacturing, Information Technology, and STEM Career Cluster Consultant

FRIDAY

F 9:30 - 12:30 | 101BC

NIMS 101 Session

Participants will gain understanding of NIMS National Industry Skills Standards and receive a working knowledge of NIMS processes for credentialing individuals.

Catherine Ross

NIMS Director of Accreditation

INDUSTRY CERTIFICATION AND TRAINING OPPORTUNITIES

National Center for Construction Education and Research (NCCER)

NCCER's Instructor Certification and Training Program is required for teachers who issue NCCER certification to students. Only teachers who were licensed prior to Sept. 1, 2014 are eligible to use NCCER as industry certification for teacher licensure. Any teacher licensed Sept. 1, 2014 or after may not use NCCER for the industry certification requirement for teacher licensure.

Please note: For individuals teaching Welding I or Welding II, NCCER certification will not satisfy the course industry certification requirement. To view the list of industry certifications that will meet the industry certification requirement for the courses, see pages 25-26 of the 2015-16 Correlation of Course Codes and Endorsement Codes.

NCCER's Instructor Certification and Training Program is available through various organizations across the state. The Greater Tennessee Chapter of Associated Builders and Contractors, Inc., (ABC) will offer opportunities to complete the NCCER Instructor Certification and Training Program at their Nashville office this summer. Multiple dates are available for your convenience including July 6-7, which coincides with the Institute for CTE Educators. They will also offer the NCCER Instructor Certification and Training Program after the Institute for those who need some flexibility to get certified. Please see the attached letter from ABC for more information including dates and links to register. Preregistration is required.

National Occupational Competency Testing Institute (NOCTI)

NOCTI industry certification will satisfy the industry certification requirement for a teacher licensure for a number of endorsements.

Teachers who registered for NOCTI industry certifications will complete their test at the Tennessee College of Applied Technology (TCAT) in Nashville. **Those testing must have pre-registered.**

Dates:

July 9 at 9 a.m. or 1 p.m. CDT

July 10 at 9 a.m. or 1 p.m. CDT

Location:

Tennessee College of Applied Technology

100 White Bridge Road, Nashville, TN, 37209

Cost: \$75 per test, payable by credit card

Register: Contact TCAT's Nashville campus at (615) 425-5500

If you have questions or to verify if a given industry certification will meet a given requirement, email Penney.S.Ashe@tn.gov or call (615) 532-2834, or visit booth 400.

Agriculture, Food, & Natural Resources

MONDAY

M 8:30 - 4:30 | 102B

Pesticide Safety Education Training and the Worker Protection Standard

The presentation will cover information needed to prepare participants to take the Research and Demonstration category 10 exam for Commercial Pesticide Applicators. Certification in category 10 provides necessary credentials to provide students with the required Worker Protection Standards when working in areas that may be subject to pesticide applications.

Darrell Hensley
Extension Specialist

Chris Maguigan

M 12:00 - 1:30 | 104B

Ag Standards and Setting Up Your Classroom

Struggling connecting content and instruction? Need to know where to find resources to teach your standards? We are here to help! Come discover simple solutions and resources you can use in your classroom.

Steven Gass
Agriculture, Food, & Natural Resources Career Cluster Consultant

M 1:35 - 2:30 | 108

Benefits of FFA for New Teachers

Want to know how to engage your students? Incorporate CTSOs into your classroom! This session will talk about how to go about starting a chapter and advisor supports available.

Allie Ellis
CTE Specialist for FFA

M 4:35 - 5:15 | 102B

Q&A Networking time with Agriculture, Food, & Natural Resources Consultant

Still have questions? Feel like you need a little more clarification? Come talk to your Career Cluster Consultant! We want to help you get the tools and resources you need to be successful.

Steven Gass
Agriculture, Food, & Natural Resources Career Cluster Consultant

TUESDAY

T 8:50 - 10:55 | 104DE

Pesticide Certification Testing

This session will administer the Core C10 and C15 tests which are required for Agriculture, Food and Natural Resources teachers who use pesticides.

Kathy Booker
Pesticides Director, Consumer and Industry Services

T 8:50 - 10:55 | 106B

Project WILD and Aquatic WILD Educators'

Project WILD is an interdisciplinary conservation and environmental education program emphasizing wildlife. The goal of Project WILD is to assist learners of any age in developing awareness, knowledge, skills and commitment resulting in informed decisions, responsible behavior and constructive actions concerning wildlife and the environment. Aquatic WILD serves as an invitation to explore and understand the fascinating world of water and the aquatic habitat it supports. This workshop will train educators how to use these curricula in their classrooms.

Pandy English
Wildlife Biologist, Statewide

T 8:50 - 10:55 | 106A

Helping Students Document their Placement SAE Experiences and have Success in FFA Award Applications.

This session will be a hands on session where teachers will document SAE transactions for paid and unpaid placement projects using AET's best management practices that get results in FFA awards and save teachers time. This session will also provide those attending with a grading rubric for placement SAEs and in-class activities that engage students and help them better track their records.

Roger Hanagriff
Professor of Educational Outreach and The AET, Texas A&M University

T 10:00 - 10:55 | 104C

Joining Forces For Better Eating

This session chronicles the implementation of an innovative and “green” culinary arts program at Lenoir City High School in East Tennessee. Special emphasis is placed on the collaborative efforts that were utilized, between numerous CTE and tradition academic/fine arts programs within the school, to offer a culinary program that promotes the use of local food sources and sustainable practices. Future plans for the program, including rooftop gardening and the further addition of solar arrays, will also be discussed. This session is particularly appropriate for teachers who seek collaborative efforts and who like to “think outside of the box”.

Melanie Maples-Harris

CTE Director, Lenoir City

Amanda Parks

T 11:10 - 12:05 | 104DE

Maximizing Your Time in Preparing Students for Multiple Career Development Events.

Need more time to help students develop the knowledge and skills required to be competitive at the state and national level? This session will show how the use selected online resources to provide additional individual preparation prior to team practice or to provide addition individual instruction materials to use in your instructional program. Teachers are encouraged to bring their own computer or tablet.

Patrick Little

Teacher, Fentress County

T 12:20 - 2:25 | 110AB

Engaging Strategies to Teach Food Science and Safety

This session will provide teachers with teaching strategies for teaching the new Food Science Program of Study courses. Teachers will walk away with activities and best practices to meet the expectations of the Food Science & Safety and the Advance Food Science course standards which incorporates the FFA career development events.

Wade Breeding

AFRN Teacher, Claiborne County

T 12:20 - 1:15 | 104DE

Managing FFA and classroom activities in a single teacher program

A round table discussion of the unique challenges associated with being in a single teacher FFA program.

Michelle Page

Agriculture teacher, Robertson County

T 1:30 - 3:35 | 104DE

Lichens, Invertebrates, pH, and Salts

Are you having trouble applying Applied Environmental Science in your classroom? When working with environmental science you have a great opportunity to get your students involved with hands on, real world applications used in high wage, high demand careers. Most of these activities are low cost to the teacher and can be duplicated by the student for an Agriscience Project. This session will introduce you to activities used to create a relationship with biology teachers, English teachers and AG Ed teachers.

Buddy Crass

Agriculture Education Instructor, Sevier County

T 1:30 - 2:35 | 106A

Enhancing Student Achievement through Curriculum for Agricultural Science Education (CASE) Institutes

The workshop will orient AFNR teachers to innovative ways of integrating academics and AFNR content through activities, projects, and problems in Animal Science, Plant Science, Ag Mechanics, Food Safety, Biotechnology, Natural Resources, and Agricultural Business.

John Ricketts

Associate Professor

T 2:55 - 3:50 | 106A

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Melanie Maples-Harris

CTE Director, Lenoir City

T 2:55 - 3:50 | 102B

FFA Update

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Allie Ellis

CTE Specialist for FFA

T 2:55- 5:00 | 106C

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Tim Murphy

Professor of Educational Outreach and The AET, Texas A&M University

T 1:30 - 3:25 | 109

Agriculture, Food and Natural Resources Round Table Discussions

This round table session will provide AFNR teachers to highlight and share best practices and strategies on a variety instructional, SAE, Leadership activities that can increase student engagement and achievement. Participants will have the opportunity to rotate between different table discussions lead by experience teachers. Participants are encourage to bring their own examples to share with the different groups. (A full list of table topics will be published at a later date. Due to weather, I have not confirmed all the lead teachers for the topics.)

Steve Gass

AFNR Consultant, Tennessee Department of Education

T 2:55 - 3:50 | 107AB

The FoolProof Foundation presents the FoolProof Financial Literacy Curriculum a highly interactive, self-grading group of online lessons called "modules." The modules teach young people about money, financial responsibility and the realities of the free enterprise system.

FoolProof for High Schools is a free web-driven, highly interactive and turnkey curriculum which uses videos, games and peer-to-peer teaching to engage students. Our curriculum is the only high school curriculum in the United States to be endorsed by both the Consumer Federation of America (CFA) and the National Association of Consumer Advocates (NACA). This curriculum meets the Jump\$tart National Standards and is aligned to all states standards.

Michael Sheffer

Business Department Chairperson, Corning Painted Post School District

T 4:05 - 5:00 | 106B

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Managing FFA and classroom activities in a single teacher program

A round table discussion of the unique challenges associated with being in a single teacher FFA program.

Michelle Page

Agriculture teacher, Robertson County

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Patrick Little

Teacher, Fentress County

WEDNESDAY

W 8:50 - 10:55 | 106A

CREATIVE WAYS OF TEACHING LEADERSHIP

The session will focus on creative ways of teaching leadership. The presenter will provide historical and film case studies, literature, creative lab exercises, and activities that focus on the content standards related to leadership. In addition, the presenter will provide creative skit ideas and teaching techniques related to leadership.

CARRIE STEPHENS

CREATIVE APPROACHES TO TEACHING LEADERSHIP, UNIVERSITY OF TENNESSEE, KNOXVILLE

W 8:50 - 9:45 | 106B

Maximizing Math Concepts Found in the AFNR Career Cluster.

The Agriculture, Food and Natural Resources Career Cluster is rich with mathematical concepts which should be utilized in instruction. This session explores pedagogical approaches to teaching contextualized mathematics and provides examples of math-enhanced AFNR lessons.

Dr. Christopher Stripling

W 8:50 - 10:55 | 110AB

Students-In-Action

Tying AFNR Standards to the 3-Circle Agriculture Education Model [Classroom/Lab, CTSO (FFA), and Supervised Agriculture Experience (SAE)].

Tracy Dugger

Teacher, Johnson County

Jerry Agan III

W 10:00 - 10:55 | 106B

Going All Out for Grants for your FFA Chapter!

FFA offers many opportunities for grants to enhance your agriculture program. Discover creative ways to engage your FFA members in classroom labs, SAE ideas, and innovative community service projects with FREE MONEY!

Jill Shrum

Summer

W 11:10 - 12:05 | 106C

Chicken Little...Chicken Big

Come discover how to help your students gain a better understanding of how the amount of supplements are determined in growing livestock. This interactive lab puts the learning in the hands of the student using chicken production as the main concept, although it can be related to both animals and plants.

Patrick Little

Teacher - DuPont Agriscient, Fentress County

W 11:10 - 12:05 | 106A

People and Resources To Help You Teach Natural Resources Management

A discussion of resources and people available in your community to help you teach Natural Resources management. Guest speakers and resources are available from your local soil and water conservation office, TWRA, TN Dept. of Forestry, local NWTF chapters, so how do I get in contact with those resources and what do they have to offer me?

Steve Stephens

Sumner County

W 11:10 - 12:05 | 102B

Implementing GIS Standards in Agriculture

This session will demonstrate how to implement the GIS standards in the Agricultural Engineering and Applied Technologies curriculum. Participants will create a map and make appropriate recommendations for changes to drainage and irrigation practices that meet the accepted soil erosion control practices.

Tera Bunch

Assistant Professor of Agriculture, Tennessee Board of Regents

W 11:10 - 12:05 | 102B

Engaging Strategies to teach Food Science and Safety.

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Wade Breeding

AFNR Teacher, Claiborne County

Jo Ann Davis

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Dr. Christopher Stripling

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Integrating Math and Irrigation Lessons

Do you want to be a teacher who can integrate math skills into irrigation lessons to help your students become successful in agricultural careers? A solid understanding of water filtration and rainwater harvesting, as well as surface, sprinkler, trickle, and subsurface irrigation require core math skills. Session participants will gain the instructional strategies and tools needed to prepare lessons that meet both core math standards and the irrigation content standards for agricultural engineering and applied technology programs of study.

Cathy Scruggs*Director of Product Development, American Technical Publishers*

W 1:30 - 2:25 | 104B

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CARRIE STEPHENS*CREATIVE APPROACHES TO TEACHING LEADERSHIP,
UNIVERSITY OF TENNESSEE, KNOXVILLE*

W 1:30 - 3:50 | 110AB

Taking Agriscience Fair Projects to the Next Level: Enhancing the Classroom and Supervised Agricultural Experience Program

The FFA Agriscience Fair has grown and become a popular SAE project. During this session we will explore strategies and best practices for teachers seeking to enhance classroom activities and generate new ideas for Agriscience Fair projects.

John Hall*Assistant Professor, Agricultural Education & Leadership,
Tennessee State University*

W 2:55 - 3:50 | 106C

Teaching the Science of Water Quality Monitoring Using Bioindicators

Macroinvertebrates or aquatic insect surveys can be used as an indicator of water quality in streams. They are bioindicators. Natural Resource Managers in Tennessee use these surveys to evaluate water quality and to evaluate environmental impacts to aquatic ecosystems. Macroinvertebrate survey protocols, data collection and management, aquatic insect identification using dichotomous keys and interpreting survey results will be investigated.

Pandy English*Wildlife Biologist, Statewide*

W 2:55 - 5:00 | 106A

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Steven Gass*Agriculture, Food, & Natural Resources Career Cluster
Consultant*

THURSDAY

TH 8:30 - 3:30 | 110AB

10 Hour OSHA Approved Safety Class

The class will consist of 10 hours of safety training. The following topics will be covered. Hand and Power Tool Safety, Personal Protective Equipment, Fall Protection, Electrical Safety, Struck By and Caught Between Safety, Walking and Working Surfaces, Stairways and Ladders, Fire Protection, Machine Guarding, Flammable and Combustible Liquids, etc. We will cover each of these areas in detail and discuss OSHA standards in each area. Cost for the class is \$50.00 per registrant and OSHA limits the class size to 40.

Anthony Blankenship

Jackson Madison County School System

TH 8:30 - 4:30 | 107AB

Introduction to Geographic Information Systems (GIS)

The Introduction to Geographic Information Systems (GIS) course will focus on introducing high school teachers to current geographic information system (GIS) technology including online GIS, global positioning systems (GPS), and Google Earth™ with a focus on preparing teachers to use these technologies in the STEM classroom or to teach the Introduction to GIS course released by the Tennessee Department of Education in Fall 2014. Through a two-day intense workshop, teachers will be introduced to basic concepts in GIS, careers in GIS, data sources and types, and practice using the GIS technologies as tools for the classrooms used today by engineers and other members of the scientific community for inquiry-based problem solving of “real world” issues. The workshop will focus on hands-on activities for teachers and opportunities to apply what they learn in curriculum development brainstorming. Teachers will leave the workshop with activities that can be used in their classrooms and access to the spatial data utilized in those activities. The workshop will be limited to a maximum of 20 teachers due to seating capacity of technology labs that may be utilized for the training and to provide adequate one-on-one assistance by the instructor.

Janey Camp

Research Assistant Professor

FRIDAY

F 8:30 - 12:30 | 110AB

10 Hour OSHA Approved Safety Class

The class will consist of 10 hours of safety training. The following topics will be covered. Hand and Power Tool Safety, Personal Protective Equipment, Fall Protection, Electrical Safety, Struck By and Caught Between Safety, Walking and Working Surfaces, Stairways and Ladders, Fire Protection, Machine Guarding, Flammable and Combustible Liquids, etc. We will cover each of these areas in detail and discuss OSHA standards in each area. Cost for the class is \$50.00 per registrant and OSHA limits the class size to 40.

Anthony Blankenship

Jackson Madison County School System

F 8:30 - 4:30 | 107AB

Introduction to Geographic Information Systems (GIS)

The Introduction to Geographic Information Systems (GIS) course will focus on introducing high school teachers to current geographic information system (GIS) technology including online GIS, global positioning systems (GPS), and Google Earth™ with a focus on preparing teachers to use these technologies in the STEM classroom or to teach the Introduction to GIS course released by the Tennessee Department of Education in Fall 2014. Through a two-day intense workshop, teachers will be introduced to basic concepts in GIS, careers in GIS, data sources and types, and practice using the GIS technologies as tools for the classrooms used today by engineers and other members of the scientific community for inquiry-based problem solving of “real world” issues. The workshop will focus on hands-on activities for teachers and opportunities to apply what they learn in curriculum development brainstorming. Teachers will leave the workshop with activities that can be used in their classrooms and access to the spatial data utilized in those activities. The workshop will be limited to a maximum of 20 teachers due to seating capacity of technology labs that may be utilized for the training and to provide adequate one-on-one assistance by the instructor.

Janey Camp

Research Assistant Professor

Architecture & Construction

MONDAY

INDUSTRY CERTIFICATION AND TRAINING OPPORTUNITIES

National Center for Construction Education and Research (NCCER)

NCCER's Instructor Certification and Training Program is required for teachers who issue NCCER certification to students. Only teachers who were licensed prior to Sept. 1, 2014 are eligible to use NCCER as industry certification for teacher licensure. Any teacher licensed Sept. 1, 2014 or after may not use NCCER for the industry certification requirement for teacher licensure.

Please note: For individuals teaching Welding I or Welding II, NCCER certification will not satisfy the course industry certification requirement. To view the list of industry certifications that will meet the industry certification requirement for the courses, see pages 25- 26 of the 2015-16 Correlation of Course Codes and Endorsement Codes.

M 12:00 - 1:30 | 104C

Architecture & Construction, Arts, A/V Technology, and Transportation standards and setting up your classroom

Struggling connecting content and instruction? Need to know where to find resources to teach your standards? We are here to help! Come discover simple solutions and resources you can use in your classroom

Rachel Allen

Arts, A/V Technology, Architecture & Construction, and Transportation, Distribution, & Logistics Career Cluster Consultant

M 1:35 - 2:30 | 102B

Benefits of SkillsUSA for New Teachers

Want to know how to engage your students? Incorporate CTSOs into your classroom! This session will talk about how to go about starting a chapter and advisor supports available.

Mindy Acklen

M 4:35 - 5:15 | 106C

Q&A Networking time with Architecture & Construction, Arts, AV, Technology & Communications, and Transportation, Distribution & Logistics Consultant

Still have questions? Feel like you need a little more clarification? Come talk to your Career Cluster Consultant! We want to help you get the tools and resources you need to be successful.

Rachel Allen

Arts, A/V Technology, Architecture & Construction, and Transportation, Distribution, & Logistics Career Cluster Consultant

TUESDAY

T 8:50 - 10:55 | 104A

Student Success: Classroom Relevance in the Career-Ready Conversation

Is your CTE program focused on the drastic skills gap in today's workforce? Is your classroom effective at combining relevant workplace skills with academic standards? Come find out at this career-readiness workshop presented by SkillsUSA. We'll share several timely resources that support the framework of the SkillsUSA mission, which include personal, workplace, and technical skills grounded in academics – all essential to a successful, student-oriented CTE program. Highlights include the unveiling of a new chapter excellence program, an innovative curriculum that infuses 21st Century skills aligned with literacy Standards, plus strategies to ensure that students are career-ready.

Gayle Silvey

Membership Development Liaison, SkillsUSA

Debbie Peabody

T 8:50 - 9:45 | 102A

How to use SkillsUSA contests to teach your standards.

Overview for new advisors and existing advisors on SkillsUSA and how to best utilize it in the classroom.

Mindy Acklen

Instructor

T 8:50 - 9:45 | 106C

Advising Students on the Postsecondary Landscape

CTE students have many options when it comes to furthering their education beyond high school. Whether it's a two-year program at a Tennessee community college, a four-year bachelor's program, or a certificate program from a Tennessee College of Applied Technology (TCAT), the postsecondary landscape offers a wealth of institutions and degrees to choose from. This session is designed to help CTE teachers (and interested administrators) gain a clearer idea of what programs are available at postsecondary institutions in their career clusters, and what requirements students need to meet in order to enroll, succeed, and graduate.

Bob Dixon

Dean of Technical Education

T 11:10 - 12:05 | 101DE

Involving Business and Industry in Your CTSO and Classroom

Involving Business and Industry in Your CTSO and Classroom

Dr. Heather Whaley

Carson Newman University

T 12:20 - 2:25 | 104A

Certifications in Electricity, Torque and Diagnostics

I will update this description for publication in program— Our format will be to introduce instructors to the Snap-on/NC3 Certification programs with an overview, followed by a hands on portion of the training for the instructors to experience. This will allow them to experience the program, show how it is used in the classroom and the eventual outcome of stackable certifications for the students.

Timothy Smith*District Sales Manager***James Walpert**

T 2:55 - 5:00 | 109

Student Success: Classroom Relevance in the Career-Ready Conversation

Is your CTE program focused on the drastic skills gap in today's workforce? Is your classroom effective at combining relevant workplace skills with academic standards? Come find out at this career-readiness workshop presented by SkillsUSA. We'll share several timely resources that support the framework of the SkillsUSA mission, which include personal, workplace, and technical skills grounded in academics – all essential to a successful, student-oriented CTE program. Highlights include the unveiling of a new chapter excellence program, an innovative curriculum that infuses 21st Century skills aligned with literacy standards, plus strategies to ensure that students are career-ready.

Gayle Silvey*Membership Development Liaison, SkillsUSA***Debbie Peabody**

T 2:55 - 3:50 | 103B

SkillsUSA Update

Still have questions? Feel like you need a little more clarification? Come talk to your CTE Specialist! We want to help you get the tools and resources you need to be successful.

Mindy Acklen

WEDNESDAY

W 8:50 - 9:45 | 104C

What Students Need to Succeed: Connecting to Postsecondary Opportunities at Tennessee Colleges of Applied Technology

The presentation covers how to improve student success in career readiness. The topics covered will be based on the belief that most students can master complex academic and technical concepts if schools create an environment that encourages them to make the effort to succeed, and shares the vast opportunities available in postsecondary education in Tennessee. A major focus of this effort is awareness of the high-quality career-technical education opportunities available at Tennessee Colleges of Applied Technology. We will discuss how teachers and counselors can increase their students' motivation to succeed in academic studies if they will connect studies directly to a specific career pathway choice that pertains to the students' interests and goals. The goal is to better prepare students for success in their postsecondary studies, advanced training and careers.

Shirely Brown*Electronics/Electro-Mechanical Technology Instructor, Tennessee Board of Regents***John Laubach**

W 10:00 - 10:55 | 102B

Student Writing in CTE

Participants in this session will work from the new CTE course standards on how to create writing assignments. Writing assignments that are aligned to the standards and are meaningful to student progress. Participants will work in small groups as we look at: writing prompts, writing rubrics, and assessing student writing.

Arthur Baham*Carpentry Teacher*

W 10:00 - 12:05 | 104C

Better Together

This session will focus on the benefits of teamwork and working with others. We will discuss the benefits and methods of grouping students in both the classroom and shop. We will then look at how collaboration and networking with teachers of other subjects and teachers from other school districts can improve our teaching, in much the same way that grouping promotes learning. Finally, we will discuss how partnering with construction professionals in your local area can provide invaluable opportunities for your students, as well as your program.

Rich Murray*Construction/Carpentry Teacher, Johnson City School System***Robert Tester**

W 11:10 - 12:05 | 104A

Incorporating new programs within existing ones to meets the needs of all stakeholders.

This session will demonstrate the logistics of adding a new CTE program within an existing program to better meet and supply the needs of the community. This session will also discuss how to partner , both educationally and financially, with industry and postsecondary education as an integral part of this process.

Herbie Adams

CTE Director, Johnson County

Jerry Agan, Jr

W 11:10 - 12:05 | 106B

A degree in concrete?!

Concrete Industry Management is a unique four-year bachelor's degree offered at only four schools across the nation including the flagship school, Middle Tennessee State University. The degree blends the technical aspects of concrete with a business minor to train students to work in management and operations within concrete and construction. Last academic year, the department had over 4 jobs per graduate making an average starting salary of \$44,443! Come learn more about our industry, opportunities and degree program!

Nicole Green

Tennessee Bureau of Regents

W 2:55, 3:50 | 106B

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Rich Murray

Construction/Carpentry Teacher, Johnson City School System

Robert Tester

W 4:05 - 5:00 | 106C

Q&A Networking time with Architecture & Construction, Arts, AV, Technology & Communications, and Transportation, Distribution & Logistics Consultant

Still have questions? Feel like you need a little more clarification? Come talk to your Career Cluster Consultant! We want to help you get the tools and resources you need to be successful.

Rachel Allen

Arts, A/V Technology, Architecture & Construction, and Transportation, Distribution, & Logistics Career Cluster Consultant

THURSDAY

TH 8:30 - 3:30 | 110AB

10 Hour OSHA Approved Safety Class

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Anthony Blankenship

Jackson Madison County School System

TH 8:30 - 4:30 | 102A

Construction Content Workshop

This workshop is designed to help prepare construction teachers to implement the new course standards for construction. Topics will include: program of study goals, breaking down the course standards into knowledge and skills, literacy in construction, advances in concrete technology, and reinforcing math in construction. The session will provide teachers with the chance to collaborate and network with other teachers and leave with lessons and activities to help guide instruction in their classrooms.

Rachel Allen

TH 8:30 - 4:30 | Nashville State Community College RM 1463

American Design and Drafting Association (ADDA) Study Session (Cad Drafting)

This two-day seminar will provide instructors with a preview and update for taking the ADDA certification exam. The review and exam is designed to assist instructors in becoming ADDA certified. The exam will be administered on the second day after the review. Note: This is a two-day training and testing session for ADDA certification.

Dan Rodenbaugh

ADDA trainer, American Design and Drafting Association (ADDA)

TH 8:30 - 4:30 | 105AB

American Design and Drafting Association (ADDA) Study Session (Web Design)

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Jeff Roush

FRIDAY

F 8:30 - 12:30 | 110AB

10 Hour OSHA Approved Safety Class

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Anthony Blankenship*Jackson Madison County School System*

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Jeff Roush

F 8:30 - 4:30 | 107AB

Introduction to Geographic Information Systems (GIS)

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Janey Camp*Research Assistant Professor*

F 9:30 - 12:30 | 101BC

NIMS 101 Session

Participants will gain and understanding of NIMS National Industry Skills Standards and receive a working knowledge of NIMS processes for credentialing individuals.

Catherine Ross*NIMS Director of Accreditation, National Institute for Metalworking Skills, Inc.*

INDUSTRY CERTIFICATION AND TRAINING OPPORTUNITIES

National Center for Construction Education and Research (NCCER)

NCCER's Instructor Certification and Training Program is required for teachers who issue NCCER certification to students. Only teachers who were licensed prior to Sept. 1, 2014 are eligible to use NCCER as industry certification for teacher licensure. Any teacher licensed Sept. 1, 2014 or after may not use NCCER for the industry certification requirement for teacher licensure. A full list of current industry certifications available to meet teacher licensure requirements for each endorsement area may be viewed in the Occupational License Information 101.

Please note: For individuals teaching Welding I or Welding II, NCCER certification will not satisfy the course industry certification requirement. To view the list of industry certifications that will meet the industry certification requirement for the courses, see pages 25-26 of the 2015-16 Correlation of Course Codes and Endorsement Codes.

NCCER's Instructor Certification and Training Program is available through various organizations across the state. The Greater Tennessee Chapter of Associated Builders and Contractors, Inc., (ABC) will offer opportunities to complete the NCCER Instructor Certification and Training Program at their Nashville office this summer. Multiple dates are available for your convenience including July 6-7, which coincides with the Institute for CTE Educators. They will also offer the NCCER Instructor Certification and Training Program after the Institute for those who need some flexibility to get certified. Please see the attached letter from ABC for more information including dates and links to register. Preregistration is required.

National Occupational Competency Testing Institute (NOCTI)

NOCTI industry certification will satisfy the industry certification requirement for a teacher licensure for a number of endorsements.

The NOCTI industry certification will also satisfy the course required industry certification for a few courses. Review the 2015-16 Correlation of Course Codes and Endorsement Codes to determine if NOCTI will satisfy the course required industry certification for the courses you teach.

Teachers who register for NOCTI industry certifications will complete their test at the Tennessee College of Applied Technology (TCAT) in Nashville. **Those testing must have pre-registered.**

Dates:

July 9 at 9 a.m. or 1 p.m. CDT

July 10 at 9 a.m. or 1 p.m. CDT

Location:

Tennessee College of Applied Technology

100 White Bridge Road, Nashville, TN, 37209

Cost: \$75 per test, payable by credit card

Register: Contact TCAT's Nashville campus at (615) 425-5500

If you have questions or to verify if a given industry certification will meet a given requirement, email Penney.S.Ashe@tn.gov or call (615) 532-2834.

Arts, A/V Technology & Communications

MONDAY

M 12:00 - 1:30 | 104C

Architecture & Construction, Arts, A/V Technology, and Transportation standards and setting up your classroom

Struggling connecting content and instruction? Need to know where to find resources to teach your standards? We are here to help! Come discover simple solutions and resources you can use in your classroom

Rachel Allen

Arts, A/V Technology, Architecture & Construction, and Transportation, Distribution, & Logistics Career Cluster Consultant

M 1:35 - 2:30 | 102B

Benefits of SkillsUSA for New Teachers

Want to know how to engage your students? Incorporate CTSOs into your classroom! This session will talk about how to go about starting a chapter and advisor supports available.

Mindy Acklen

M 1:35 - 2:30 | 104B

HOSA Update

Still have questions? Feel like you need a little more clarification? Come talk to your CTE Specialist! We want to help you get the tools and resources you need to be successful.

Christina Isong

Teacher/HOSA Advisor, Summit High School

M 1:35 - 2:30 | 104B

TSA Update

Still have questions? Feel like you need a little more clarification? Come talk to your Career Cluster Consultant! We want to help you get the tools and resources you need to be successful.

Dina Starks

Director of Student Leadership

M 4:35 - 5:15 | 106C

Q&A Networking time with Architecture & Construction, Arts, AV, Technology & Communications, and Transportation, Distribution & Logistics Consultant

Still have questions? Feel like you need a little more clarification? Come talk to your Career Cluster Consultant! We want to help you get the tools and resources you need to be successful.

Rachel Allen

Arts, A/V Technology, Architecture & Construction, and Transportation, Distribution, & Logistics Career Cluster Consultant

M 4:35 - 5:15 | 102A

* Full STEAM Ahead - the benefits of incorporating the Arts into STEM learning to reinforce concepts in creative way.

This presentation will focus on the benefits of the new STEAM movement - incorporating more of the Arts in STEM learning. We will be introducing the movement and what all is involved in it. Then we will offer examples and ideas for creative ways to include the Arts into everyday learning, as well as, projects.

Pamela Stewart

Biomedical Teacher, Rutherford County

TUESDAY

T 8:50 - 9:45 | 108

A look into Digital Design and Work Based Learning (School Based Enterprise)

A hands on lab demonstrating how my School program uses Dye sublimation to create products for our School Based Enterprise Program. Attendees will physically make a product to keep take home. You will see demonstrated how with very little start up they can turn your student's designs into a School Based Enterprise. Learn how we utilize social media for marketing our creations. Whether you teach Adobe Illustrator, Corel Draw, or Photoshop your students can turn their artwork into real products.

Sandy Wheeley

Teacher, Lawrence County

T 8:50 - 10:55 | 104A

Student Success: Classroom Relevance in the Career-Ready Conversation

Is your CTE program focused on the drastic skills gap in today's workforce? Is your classroom effective at combining relevant workplace skills with academic standards? Come find out at this career-readiness workshop presented by SkillsUSA. We'll share several timely resources that support the framework of the SkillsUSA mission, which include personal, workplace, and technical skills grounded in academics – all essential to a successful, student-oriented CTE program. Highlights include the unveiling of a new chapter excellence program, an innovative curriculum that infuses 21st Century skills aligned with literacy standards, plus strategies to ensure that students are career-ready.

Gayle Silvey

Membership Development Liaison, SkillsUSA

Debbie Peabody

T 11:10 - 12:05 | 101DE

Involving Business and Industry in Your CTSO and Classroom

Involving Business and Industry in Your CTSO and Classroom

Dr. Heather Whaley
Carson Newman University

T 12:20 - 2:25 | 104C

TATFACS Business Meeting

The Tennessee Association of Teachers of Family and Consumer Sciences will host their annual business meeting. During the meetings reports from various officers will be presented and new officers will be elected.

Elowin Harper
Teacher and TATFACS President, Rutherford

T 2:55 - 3:50 | 108

TSA Update

Still have questions? Feel like you need a little more clarification? Come talk to your CTE Specialist! We want to help you get the tools and resources you need to be successful.

Dina Starks

T 2:55 - 3:50 | 103B

SkillsUSA Update

Still have questions? Feel like you need a little more clarification? Come talk to your CTE specialist! We want to help you get the tools and resources you need to be successful.

Mindy Acklen

T 2:55 - 5:00 | 109

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Gayle Silvey
Membership Development Liaison, SkillsUSA

Debbie Peabody

T 4:05 - 5:00 | 104C

FCCLA Update

Still have questions? Feel like you need a little more clarification? Come talk to your CTE Specialist! We want to help you get the tools and resources you need to be successful.

Dr. Heather Whaley
Carson Newman University

WEDNESDAY

W 8:50 - 9:45 | 108

*** Dorothy Meets the Wizard: Incorporating the Arts in the STEM Curriculum**

This session will describe and demonstrate ways for schools to incorporate the fine arts (visual, dance, theater, and music) into their STEM curriculum. The subject will be presented from the viewpoints of two veteran educators - one from STEM and the other from the Arts - and show the benefits of merging the two disciplines.

Keith Booker
Asst. Principal, Shelby County Schools

Noelia Warnette-Jones

W 10:00 - 12:05 | 104B

Using Dragonframe to create Stop Motion Project.

DragonFrame is a computer program that allows you to control and shoot stop motion photography using your DSLR camera via USB. Many big Hollywood movies, commercials and music videos have been created using DragonFrame.

We will familiarize students with the basics of stop motion and the workings of DragonFrame and it's control module. As a group we will set up, calculate timing and shoot a 30 second title sequence using paper and cardboard lettering. We will use shapes and small items to add to the movement and create a fun and interesting short video clip to be used in the school's video news program.

Rebecca Reed
Broadcasting Teacher, Clarksville Montgomery Country

Amy Jackson

W 1:30 - 2:25 | 106B

Writing in Your Content

Writing in Your Content

Dr. Heather Whaley*Carson Newman University*

W 4:05 - 5:00 | 106C

Q&A Networking time with Architecture & Construction, Arts, AV, Technology & Communications, and Transportation, Distribution & Logistics Consultant

Still have questions? Feel like you need a little more clarification? Come talk to your Career Cluster Consultant! We want to help you get the tools and resources you need to be successful.

Rachel Allen*Arts, A/V Technology, Architecture & Construction, and Transportation, Distribution, & Logistics Career Cluster Consultant*

W 4:05 - 5:00 | 106B

The World of CTE in 2015 (Media)

Hands-on learning had proven to be the best pedagogy for learning.

This intensive journalism workshop will provide hands-on experience and practical guidance of what it takes to be successful multimedia journalist.

Colleagues will be shown how to keep their students excited about broadcasting media by being hands-on when given more opportunities to be creative.

Attendees will be actively engaged in the learning process while analyzing various ideas and activities.

David Burnett*Master Teacher, Shelby County Schools*

FRIDAY

F 8:30 - 4:30 | 105AB

American Design and Drafting Association (ADDA) Testing (Web Design)

This two-day seminar will provide instructors with a preview and update for taking the ADDA certification exam. The review and exam is designed to assist instructors in becoming ADDA certified. The exam will be administered on the second day after the review. Note: This is a two-day training and testing session for ADDA certification.

Jeff Roush

THURSDAY

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Jeff Roush

Business Management & Administration, Finance, & Marketing

MONDAY

M 12:00 - 1:30 | 106A

Business, Finance, and Marketing standards and setting up your classroom

Struggling connecting content and instruction? Need to know where to find resources to teach your standards? We are here to help! Come discover simple solutions and resources you can use in your classroom

Candi Norwood

Business Administration, Marketing & Finance Consultant

M 1:35 - 2:30 | 104A

Benefits of DECA & FBLA for New Teachers

Want to know how to engage your students? Incorporate CTSOs into your classroom! This session will talk about how to go about starting a chapter and advisor supports available.

Sarah Williams

CTE Specialist for DECA and FBLA

M 4:35 - 5:15 | 106A

Q&A Networking time with Business Management & Administration, Finance, and Marketing Consultant

Still have questions? Feel like you need a little more clarification? Come talk to your Career Cluster Consultant! We want to help you get the tools and resources you need to be successful.

Candi Norwood

Business Administration, Marketing & Finance Consultant

TUESDAY

T 8:50 - 9:45 | 105AB

VEI, A Workplace Simulation for Global Business

Participants will get an overview of the program, expected student outcomes and assessments including student portfolios. In addition, teachers will be introduced to the curriculum and various program components including the teacher pacing guide, student and teacher resources, VE website, and facilitation. Teachers will also view videos of student testimonials, trade shows, and business plan competitions that students are engaged in.

Penny Riddle

Mid-West Program Coordinator for VEI, Putnam County

Lori Harris

T 11:10 - 12:05 | 104C

The FoolProof Foundation presents the FoolProof Financial Literacy Curriculum a highly interactive, self-grading group of online lessons called "modules." The modules teach young people about money, financial responsibility and the realities of the free enterprise system.

FoolProof for High Schools is a free web-driven, highly interactive and turnkey curriculum which uses videos, games and peer-to-peer teaching to engage students. Our curriculum is the only high school curriculum in the United States to be endorsed by both the Consumer Federation of America (CFA) and the National Association of Consumer Advocates (NACA). This curriculum meets the Jump\$tart National Standards and is aligned to all states standards.

Michael Sheffer

Business Department Chairperson, Corning Painted Post School District

T 1:30 - 2:25 | 101DE

Econ Antics!!

Participate in fun teaching activities suitable for all levels of economics.

Marlena Dixon

Marketing Teacher, Rutherford County Schools

T 2:25 - 3:50 | 101DE

FBLA Update

Still have questions? Feel like you need a little more clarification? Come talk to your CTE Specialist! We want to help you get the tools and resources you need to be successful.

Sarah Williams

CTE Specialist for DECA and FBLA

T 4:05 - 5:00 | 104A

Marketing Education Teachers of Tennessee

Overview of Curriculum, CTSO, and lesson planning.

Harold Bouldin

METT Council President, Shelby County

Harold Bouldin

T 4:05 - 5:00 | 101DE

LET'S MOVE: Classroom Motivation through Movement

Don't just sit there, let's get moving and thinking! This session will focus on fun activities that can be used for both assessment and teaching classroom materials. Get ready to have fun and to get the creativity flowing!

Michael Morrow

Rutherford County

T 4:05 - 5:00 | 106A

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Michael Sheffer

Business Department Chairperson, Corning Painted Post School District

T 4:05 - 5:00 | 101A

DECA Update

Still have questions? Feel like you need a little more clarification? Come talk to your CTE Specialists! We want to help you get the tools and resources you need to be successful.

Sarah Williams

CTE Specialist for DECA and FBLA

T 4:05 - 5:00 | 102A

Instructional Strategies for Business, Finance, and Marketing Programs of Study

Get a head start on lesson planning with the new standards. You will leave with ideas for formative assessments, group activities, portfolio entries, and more. Participants will be asked to share ideas and best practices so we can all benefit from the great ideas our teachers use every day.

Candi Norwood

Business Administration, Finance, and Management & Marketing Consultant, Division of College, Career and Technical Education

WEDNESDAY

W 8:50 - 9:45 | 101DE

VEI, A Workplace Simulation for Global Business

Participants will get an overview of the program, expected student outcomes and assessments including student portfolios. In addition, teachers will be introduced to the curriculum and various program components including the teacher pacing guide, student and teacher resources, VE website, and facilitation. Teachers will also view videos of student testimonials, trade shows, and business plan competitions that students are engaged in.

Penny Riddle

Mid-West Program Coordinator for VEI, Putnam County

Lori Harris

W 10:00 - 10:55 | 101DE

Visualizing Data: Using Infographics in the Classroom

This session will: provide you with ready-made infographics and a personal finance infographics lesson plan; allow you to learn about resources and strategies for creating infographics; and, have you create your own infographic. Join us for this interactive, engaging, and fun session!

Jackie Morgan

Senior Economic and Financial Education Specialist, Federal Reserve Bank of Atlanta - Nashville Branch

Maria L. Edlin, ED.D

W 12:20 - 1:15 | 101DE

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Jackie Morgan

Senior Economic and Financial Education Specialist, Federal Reserve Bank of Atlanta - Nashville Branch

Maria L. Edlin, ED.D

THURSDAY

TH 8:30 - 4:30 | 105AB

American Design and Drafting Association (ADDA) Study Session (Web Design)

This two-day seminar will provide instructors with a preview and update for taking the ADDA certification exam. The review and exam is designed to assist instructors in becoming ADDA certified. The exam will be administered on the second day after the review. Note: This is a two-day training and testing session for ADDA certification.

Jeff Roush

TH 9:00 - 10:00 | 106BC

Competitive Events Super Success System

Do you struggle with ways to help students excel and improve their performance? DECA's competitive events learning program helps students become college and career ready. Explore how to formulate a monthly competitive events preparation plan that assesses student needs, connects to classroom instruction, simulates real-world scenarios and results in student success.

Sarah Williams

CTE Specialist for DECA and FBLA

TH 10:00 - 11:00 | 106BC

Deca Chapter Strategy

Don't miss this session packed with tools and resources to strategically advise your chapter members using mission-based leadership roles. You'll receive tools such as the DECA Leadership Styles Inventory to help students identify their own leadership styles and the leadership styles of their teammates and DECA Goals, a corporate style goal setting technique with measurable objectives established within a "target range," encouraging students to analyze past performance, establish goal ranges and evaluate. Finally, you'll walk away with resources to help you put it all together to help guide your chapter's annual program of leadership.

Sarah Williams

CTE Specialist for DECA and FBLA

TH 11:00 - 12:00 | 106BC

DECA goes Lean in Entrepreneurship

DECA's Entrepreneurship Competitive Events are undergoing a major transformation. Learn how and why DECA is aligning entrepreneurship competitive events with the Lean Startup business model. Attendees will leave with a better understanding of the Lean Startup business model, outlines of the entrepreneurship competitive events, and have the opportunity to begin planning how to integrate the entrepreneurship events and activities into their programs and courses.

Sarah Williams

CTE Specialist for DECA and FBLA

TH 2:30 - 3:30 | 106BC

DECA goes Lean in Entrepreneurship

DECA's Entrepreneurship Competitive Events are undergoing a major transformation. Learn how and why DECA is aligning entrepreneurship competitive events with the Lean Startup business model. Attendees will leave with a better understanding of the Lean Startup business model, outlines of the entrepreneurship competitive events, and have the opportunity to begin planning how to integrate the entrepreneurship events and activities into their programs and courses.

Sarah Williams

CTE Specialist for DECA and FBLA

FRIDAY

F 8:30 - 4:30 | 105AB

American Design and Drafting Association (ADDA) Study Session & Testing (Web Design)

This two-day seminar will provide instructors with a preview and update for taking the ADDA certification exam. The review and exam is designed to assist instructors in becoming ADDA certified. The exam will be administered on the second day after the review. Note: This is a two-day training and testing session for ADDA certification.

Jeff Roush

Education & Training and Human Services

MONDAY

M 12:00 - 1:30 | 106B

Education & Training, Hospitality, and Human Services standards and setting up your classroom

Struggling connecting content and instruction? Need to know where to find resources to teach your standards? We are here to help! Come discover simple solutions and resources you can use in your classroom

Dr. Heather Whaley
Carson Newman University

M 1:35 - 2:30 | 102A

Benefits of FCCLA for New Teachers

Want to know how to engage your students? Incorporate CTSOs into your classroom! This session will talk about how to go about starting a chapter and advisor supports available.

Dr. Heather Whaley
Carson Newman University

M 4:35 - 5:15 | 106B

Q&A Networking time with Education & Training, Hospitality & Tourism, and Human Services Consultant

Still have questions? Feel like you need a little more clarification? Come talk to your Career Cluster Consultant! We want to help you get the tools and resources you need to be successful.

Dr. Heather Whaley
Carson Newman University

TUESDAY

T 8:50 - 9:45 | 102B

How to Make Learning Fun in Education & Training and Human Services Classroom

As a new teacher, I believe that I have an ability to create lessons that allow students to learn the content material in a more exciting way. I can demonstrate how each of the classes I teach, there is a way to engage students in a creative way. I can also help teachers with how to find resources and utilize them in the classroom.

Emily Manis
FACS Teacher, Cocke County

T 8:50 - 9:45 | 104C

Incorporating Literacy into Nutrition Education

Are you looking for new ideas on how to incorporate literacy into your nutrition content in an engaging way? Participate in this session to learn how to use case studies and CTSO events as a method of delivering content in the Nutrition Science and Diet Therapy course, as well as reinforce general education content standards.

Dina Starks
Deputy Director of Student Success, TDOE

T 8:50 - 9:45 | 106B

Tackling the Psychology alignments in your Introduction to Human Studies Course

This session will assist teachers in tackling the mental health and psychology alignments in the Introduction to Human Studies Course. The session will provide sample lesson plans and instructional strategies to aid teachers in the delivery of content.

Dr. Heather Whaley
Carson Newman University

T 8:50 - 10:55 | 101BC

Teaching as a Profession Curriculum: "modeling" of Engaging, Fun activities and lessons.

Offering Teaching as a Profession at your school? Or thinking about it? Need some activities and lesson plans. Come and participate in a fun lesson and take home lessons ready to implement in all levels of Teaching as a Profession curriculum. Included will be ways of starting this focus area in your school.

Sherry Barr
teacher, Knox County

Angela Pressley

T 11:10 - 12:05 | 103A

How to Make Learning in the Fun Education & Training and Human Services Classroom

As a new teacher, I believe that I have an ability to create lessons that allow students to learn the content material in a more exciting way. I can demonstrate how each of the classes I teach, there is a way to engage students in a creative way. I can also help teachers with how to find resources and utilize them in the classroom.

Emily Manis
FACS Teacher, Cocke County

T 11:10 - 12:05 | 109

Focusing on Literacy in the Education Training and Human Services classroom

Are you having a difficult time incorporating literacy into your new content standards? If so, this is the session for you. Prepare to walk away with many new literacy prompts and writing activities that your students will actually enjoy!

Kendra Kisabeth
FACS Teacher, Cocke County

T 11:10 - 12:05 | 104A

Involving Business and Industry in Your CTSO and Classroom

Involving Business and Industry in Your CTSO and Classroom

Dr. Heather Whaley
Carson Newman University

T 12:20 - 2:35 | 104C

TATFACS Business Meeting

The Tennessee Association of Teachers of Family and Consumer Sciences will host their annual business meeting. During the meetings reports from various officers will be presented and new officers will be elected.

Elowin Harper

Teacher and TATFACS President, Rutherford

T 1:30 - 2:35 | 101BC

TAPS: Lesson Plans and Activities That Work!

Do you teach a TAPS class? Do you need some fresh ideas? Have you struggled teaching a certain standard? Then this is the session for you! In this session, you will receive lesson plans and activities that have been successful in my classroom. Information can be used or modified for all of your TAPS classes.

Laura Shrader

TAPS teacher, Jefferson County

T 2:55 - 3:50 | 104C

FCCLA Update

Still have questions? Feel like you need a little more clarification? Come talk to your CTE Specialist! We want to help you get the tools and resources you need to be successful.

Heather Whaley

T 2:55 - 3:50 | 101BC

Tackling the Psychology alignments in your Introduction to Human Studies Course

This session will assist teachers in tackling the mental health and psychology alignments in the Introduction to Human Studies Course. The session will provide sample lesson plans and instructional strategies to aid teachers in the delivery of content.

Dr. Heather Whaley

Carson Newman University

T 4:05 - 5:00 | 101BC

Focusing on Literacy in the FACS classroom

Are you having a difficult time incorporating literacy into your new content standards? If so, this is the session for you. Prepare to walk away with many new literacy prompts and writing activities that your students will actually enjoy!

Kendra Kisabeth

FACS Teacher, Cocke County

WEDNESDAY

W 8:50 - 10:55 | 109

Teen Nutrition Assessment and Diet Awareness Projects

Workshop participants will participate in two project based activities that can be used in the Nutrition Science & Diet Therapy and Nutrition Across the Lifespan classes. Session will be hands on!

Barbara Turner

Teacher, Rutherford County

Georgette Barnes

W 8:50 - 9:45 | 101BC

Research Instructional Strategies: More than a trip to the Computer Lab

Are you struggling with the instructional strategies that promote research in your classroom? If so, this is the session for you! Walk through standards that promote and imply research with peers for standards in your courses.

Dr. Heather Whaley

Carson Newman University

W 8:50 - 10:55 | 104DE

Teaching as a Profession Curriculum: “ modeling” of Engaging, Fun activities and lessons.

Offering Teaching as a Profession at your school? Or thinking about it? Need some activities and lesson plans. Come and participate in a fun lesson and take home lessons ready to implement in all levels of Teaching as a Profession curriculum. Included will be ways of starting this focus area in your school.

Sherry Barr

teacher, Knox County

Angela Pressley

W 10:00 - 10:55 | 101BC

Enhancing Your Classroom: How to Incorporate discussions & hands-on-learning while customizing to your content

I love the classroom! Come to this session to learn about making teaching innovative through thoughtful discussions and experiences and impacting student's critical thinking skills within a least restrictive environment. Challenge student roles as they relate to their educational experience by empowering their choices and impact.

Wendy Erwin

ECE instructor, Knox

W 10:00 - 10:55 | 101DE

Visualizing Data: Using Infographics in the Classroom

This session will: provide you with ready-made infographics and a personal finance infographics lesson plan; allow you to learn about resources and strategies for creating infographics; and, have you create your own infographic. Join us for this interactive, engaging, and fun session!

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Jackie Morgan

Senior Economic and Financial Education Specialist, Federal Reserve Bank of Atlanta - Nashville Branch

W 12:20 - 1:15 | 104DE

Lessons on the Brain: Ideas and Resources for Teaching Brain Development in the Lifespan Development Course

Tired of searching endlessly for ideas and resources to teach the new content standards? This session is designed to provide practical, take back to the classroom and implement ideas and resources that are not only rigorous but engaging, hands-on activities that your students will enjoy as they learn about brain research and development throughout the lifespan.

Angie Wells

Human Services Teacher, Greeneville City

W 12:20 - 2:25 | 109

Teen Nutrition Assessment and Diet Awareness Projects

Workshop participants will participate in two project based activities that can be used in the Nutrition Science & Diet Therapy and Nutrition Across the Lifespan classes. Session will be hands on!

Barbara Turner

Teacher, Rutherford County

Georgette Barnes

W 1:30 - 2:25 | 106B

Writing in Your Content

Writing in Your Content

Dr. Heather Whaley

Carson Newman University

W 4:05 - 5:00 | 101DE

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Tired of searching endlessly for ideas and resources to teach the new content standards? This session is designed to provide practical, take back to the classroom and implement ideas and resources that are not only rigorous but engaging, hands-on activities that your students will enjoy as they learn about brain research and development throughout the lifespan.

Angie Wells

Human Services Teacher, Greeneville City

W 4:05 - 5:00 | 104B

Q&A Networking time with Education & Training, Hospitality & Tourism, and Human Services Consultant

Still have questions? Feel like you need a little more clarification? Come talk to your Career Cluster Consultant! We want to help you get the tools and resources you need to be successful.

Dr. Heather Whaley

Carson Newman University

THURSDAY

TH 8:30 - 3:30 | 101A

Nutrition Science and Diet Therapy

This 6-hour workshop will prepare you to teach the Nutrition Science and Diet Therapy course in the Human Services and Health Science Career Clusters. Taught by a Registered Dietitian Nutritionist, you will take a deep dive into the science and nutrition knowledge needed to teach this course.

Dina Starks

Deputy Director of Student Success, TDOE

Health Science

MONDAY

M 8:00 - 12:00 | 101DE

Healthcare WBL Regulations and Procedures (required for any teacher having contact with patients or protected health information) - part 1*.

If you are planning on participating in work-based learning opportunities in the following courses or programs of study, you will need to attend this meeting: Nursing Education, Clinical Internship, Health Services Administration, Dietetics and Nutrition, and/or Fire Management Services. This training will provide the federal and state regulation knowledge requirements for working with patients and protected health information. Only teachers who have never attended a Nursing Education or Clinical Internship train the trainer course should come to this training. This training is in addition to the Work-Based Learning training. The workshop will also focus on required paperwork for working with patients and best practice discussions on starting a patient focused WBL endeavor. *New Nursing Education teachers are required to attend a second training in the afternoon to fulfill the OBRA 8 hour train the trainer requirement.

Sheila Carlton

FNP-C, Sports, Orthopedics, and Spine, TN Dept. of Education

M 12:00 - 1:30 | 102A

Health Science, Government, and Law & Public Safety standards and setting up your classroom

Struggling connecting content and instruction? Need to know where to find resources to teach your standards? We are here to help! Come discover simple solutions and resources you can use in your classroom

Penney Ashe
Dina Starks

M 1:30 - 5:15 | 101DE

Nursing Education Healthcare WBL Regulations and Procedures (required for any teacher having contact with patients or protected health information) - part 2*

This is a continuation of part 1 of the Healthcare WBL Regulations and Procedures session held earlier in the morning. Any new Nursing Education Teacher, planning on taking students to a LTC facility and wanting to have their students take the CNA test, need to attend this session. Elder Abuse, new HIPPA regulations, and the new WBL: Nursing Education Addendum including how to fill out the correct paperwork will be discussed.. *New Nursing Education teachers are required to attend a second training in the afternoon to fulfill the OBRA 8 hour train the trainer requirement.

Sheila Carlton

FNP-C, Sports, Orthopedics, and Spine, TN Dept. of Edu

M 4:35 - 5:15 | 102A

* Full STEAM Ahead - the benefits of incorporating the Arts into STEM learning to reinforce concepts in creative way.

This presentation will focus on the benefits of the new STEAM movement - incorporating more of the Arts in STEM learning. We will be introducing the movement and what all is involved in it. Then we will offer examples and ideas for creative ways to include the Arts into everyday learning, as well as, projects.

Pamela Stewart

Biomedical Teacher, Rutherford County

Heather Corban

Dennis Greenwell

TUESDAY

T 8:50 - 10:55 | 104B

Sudden Violence - Surviving an Active Shooter

Throughout the United States, acts of sudden and unexpected violence in schools, shopping malls, office buildings, and other public locations have been on the rise. Events like the shootings in Virginia, Colorado, Oregon, and Connecticut raise awareness of this continuing national problem.

This 1 1/2 hour presentation - will provide vital information about mitigating the threat posed by individuals who carry out acts of violence, along with information that addresses intervention, clarifies the role of those involved, and how to effectively respond to the problem. (This is not a tactical training course). Teachers will walk away with knowledge to teach disaster related standards in order to create simulation lab activities.

Brice Allen

Regional Training Advisor

T 8:50 - 9:45 | 101DE

How to achieve Student Success in EMS

This session will help guide participants how to partner with local emergency medical services for EMS as a stand alone course or for EMR certification. Participants will be educated on the required paperwork as well as ideas for student involvement. Participants will also become actively engaged during a "skills session" taught by Paramedics. Participants should dress comfortable.

Crystal Fink

HOSA advisor/ Teacher, Washington County

Keith Ellis

Casey Hendrix

T 10:00 - 10:55 | 108

Bomb Incident and Suspicious Package Management

Bomb and suspicious package threats persist as one of the most common threat related problems encountered by any organization. This 1 hour program - is designed to provide options for an organization faced with a bomb incident and/or a suspicious package at their facility. The program will cover reasons for bomb threats, credibility of the threat, search techniques evacuations, and threat management choices. Teachers will be able to take the information learned in this session and create labs and simulations for disaster management standards.

Julia McKee

Regional Advisor / State Security Manager

T 10:00 - 10:55 | 105AB

Operation TeleHealth

This session will focus on how a rural school district partnered with local medical providers to teach students how to use telemedicine equipment to conduct patient assessments during simulated clinical scenarios and transmit results electronically.

Beverly Hall

CTE Director, Wayne County

Lisa Edwards**Lindsay Statom**

T 10:00 - 10:55 | 110AB

Differentiate with Technology

Teachers will gain knowledge concerning technology in the classroom to quickly assess and improve learning and retention standards.

Jennifer Reist

Differentiated Instruction through Technology, Metro Nashville Public School

T 11:10 - 12:05 | 110AB

HOSA-Lead the Way

The purpose of the HOSA organization is to develop leadership and technical HOSA skill competencies through a program of motivation, awareness and recognition, which is an integral part of the Health Science Education instructional program. The mission of HOSA is to enhance the delivery of compassionate, quality health care by providing opportunities for knowledge, skill and leadership development of all health science education students, therefore, helping the student meet the needs of the health care community. Each student can compete at Regional, State, and National level. Join HOSA and help lead the way.

Yashica Preston

Health Science Teacher/HOSA Advisor, Metro Nashville Public Schools

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Yashica Preston

Health Science Teacher/HOSA Advisor, Metro Nashville Public Schools

T 2:55 - 3:50 | 104B

HOSA Update

Still have questions? Feel like you need a little more clarification? Come talk to your CTE Specialist! We want to help you get the tools and resources you need to be successful.

Dina Starks

T 12:20 - 1:15, 2:55 - 3:50 | 105AB

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Julia McKee

Regional Advisor / State Security Manager

T 2:55 - 3:50 | 103A

What Is Blood?

This session will help teachers meet the standards related to blood and blood products. Blood typing, antibodies and antigens, function of blood, and how blood is used as a medicine.

Nathan Baker

Donor Recruitment Representative, American Red Cross

T 4:05 - 5:00 | 103A

Blood Diseases and Patient Therapies

This session will discuss various types of blood diseases and the modalities associated with each disease. This will cover several of the Medical Therapeutic Standards.

Nathan Baker

Donor Recruitment Representative, American Red Cross

T 4:05 - 5:00 | 110AB

Incorporating Literacy into Nutrition Education

Are you looking for new ideas on how to incorporate literacy into your nutrition content in an engaging way? Participate in this session to learn how to use case studies and CTSO events as a method of delivering content in the Nutrition Science and Diet Therapy course, as well as reinforce general education content standards.

Dina Starks

Deputy Director of Student Success, TDOE

WEDNESDAY

W 8:50 - 9:45 | 103A

Methods of Diagnosing a Patient

This session will help the teacher meet the standards related to types of diagnostic testing, whether it is a screening test or blood tests. The session will also cover steps of diagnosis and important documentation information necessary to capture for diagnostic purposes

Nathan Baker

Donor Recruitment Representative, American Red Cross

W 11:10 - 12:05 | 105AB

Helpful Strategies for teaching Nursing Education

In this session the teachers will learn how to teach the standards and incorporate all of the required federal and state guidelines at the same time. They will also learn about help techniques used to prepare students to be successful while taking the CNA exams.

Carolyn Collis

Health Science, Cumberland County

W 10:00 - 10:55 | 108

Bomb Incident and Suspicious Package Management

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Julia McKee

Regional Advisor / State Security Manager

W 11:10 - 12:05 | 104DE

Protecting Your Identity - What You Should Know, What You Should Do

Identity fraud is one of the fastest growing crimes in the world. It affects millions of victims each year and results in billions of dollars in losses for consumers, businesses, and financial institutions,. It takes years to build one's identity, but could be destroyed very quickly if it is misused by someone.

This 1 hour presentation is intended to explain some common methods used by identity thieves, how to safeguard your identity, and what to do if you become a victim of identity theft.

The session will help teachers see the victim's side of identity theft to gain a well rounded view of the effects of identity theft.

LPSCS, HIT/HIM, IT teachers would benefit from this session with respect to the crimes discussed as well as the impact to HIPAA with this crime.

Barry Crotzer

Regional Training Advisor

W 2:55 - 3:50 | 102A

Using Case Studies to Teach New Health Science Standards

Are you looking for new ideas on how to deliver your content in an engaging way? Participate in this session to learn how to incorporate case studies as a method of delivering the new Health Science content standards as well as reinforce general education content standards.

Dina Starks

Deputy Director of Student Success, TDOE

W 2:55 - 3:50 | 105AB

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Barry Crotzer

Regional Training Advisor

THURSDAY

TH 8:30 - 4:30 | 101A

Nutrition Science and Diet Therapy: A Science Primer

This 6-hour workshop will prepare you to teach the Nutrition Science and Diet Therapy course in the Human Services and Health Science Career Clusters. Taught by a Registered Dietitian Nutritionist, you will take a deep dive into the science and nutrition knowledge needed to teach this course.

Dina Starks

Deputy Director of Student Success, TDOE

Hospitality & Tourism

MONDAY

M 12:00 - 1:30 | 106B

Education & Training , Hospitality, and Human Services standards and setting up your classroom

Struggling connecting content and instruction? Need to know where to find resources to teach your standards? We are here to help! Come discover simple solutions and resources you can use in your classroom

Dr. Heather Whaley
Carson Newman University

M 1:35 - 2:30 | 102B

Benefits of SkillsUSA for New Teachers

Want to know how to engage your students? Incorporate CTSOs into your classroom! This session will talk about how to go about starting a chapter and advisor supports available.

Mindy Acklen
Instructor Coffee County Central High School

M 1:35 - 2:30 | 102A

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Dr. Heather Whaley
Carson Newman University

M 4:35 - 5:15 | 106B

Q&A Networking time with Education & Training, Hospitality & Tourism, and Human Services Consultant

Still have questions? Feel like you need a little more clarification? Come talk to your Career Cluster Consultant! We want to help you get the tools and resources you need to be successful.

Dr. Heather Whaley
Carson Newman University

TUESDAY

T 10:00 - 10:55 | 104C

Joining Forces For Better Eating

This session chronicles the implementation of an innovative and “green” culinary arts program at Lenoir City High School in East Tennessee. Special emphasis is placed on the collaborative efforts that were utilized, between numerous CTE and tradition academic/ fine arts programs within the school, to offer a culinary program that promotes the use of local food sources and sustainable practices. Future plans for the program, including rooftop gardening and the further addition of solar arrays, will also be discussed. This session is particularly appropriate for teachers who seek collaborative efforts and who like to “think outside of the box”.

Melanie Maples-Harris
CTE Director, Lenoir City

Amanda Parks

T 11:10 - 12:05 | 104A

Involving Business and Industry in Your CTSO and Classroom

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Dr. Heather Whaley
Carson Newman University

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TATFACS Business Meeting

The Tennessee Association of Teachers of Family and Consumer Sciences will host their annual business meeting. During the meetings reports from varies officers will be presented and new officers will be elected.

Elowin Harper
Teacher and TATFACS President, Rutherford

T 2:55 - 3:50 | 103B

SkillsUSA Update

Still have questions? Feel like you need a little more clarification? Come talk to your CTE Specialist! We want to help you get the tools and resources you need to be successful.

Mindy Acklen
Instructor Coffee County Central High School

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Melanie Maples-Harris

CTE Director, Lenoir City

Amanda Parks

WEDNESDAY

W 8:50 - 9:55 | 104A

Hospitality and Industry Certifications

Through the curriculum provided from the American Hotel & Lodging Education Institute (AHLEI) the students will gain a great deal of knowledge on how the front and back-of the house of the hotels work by studying for and obtaining one of the industry certifications (CGSP - Certified Guest Service Professional) or (CHTMP - Certified Hospitality & Tourism Management Professional). Also the AHLEI provides a 2-day competition for various high schools around the world to visit Orlando, FL to showcase their skills and knowledge for scholarships from leading hospitality universities.

Natalie Lurry Boddie

Teacher, Metro Nashville Public Schools

W 8:50 - 9:45 | 101BC

Research Instructional Strategies: More than a trip to the Computer Lab

Are you struggling with the instructional strategies that promote research in your classroom? If so, this is the session for you! Walk through standards that promote and imply research with peers for standards in your courses.

Dr. Heather Whaley

Carson Newman University

W 1:30 - 2:25 | 106B

Writing in Your Content

Writing in Your Content

Dr. Heather Whaley

Carson Newman University

W 1:30 - 2:25 | 106B

Hospitality and Industry Certifications

Through the curriculum provided from the American Hotel & Lodging Education Institute (AHLEI) the students will gain a great deal of knowledge on how the front and back-of the house of the hotels work by studying for and obtaining one of the industry certifications (CGSP - Certified Guest Service Professional) or (CHTMP - Certified Hospitality & Tourism Management Professional). Also the AHLEI provides a 2-day competition for various high schools around the world to visit Orlando, FL to showcase their skills and knowledge for scholarships from leading hospitality universities.

Natalie Lurry Boddie

Teacher, Metro Nashville Public Schools

W 4:05 - 5:05 | 104B

Q&A Networking time with Government & Public Administration, Health Science, and Law, Public Safety, Corrections, & Security Consultant

Still have questions? Feel like you need a little more clarification? Come talk to your Career Cluster Consultant! We want to help you get the tools and resources you need to be successful.

Heather Whaley

THURSDAY

TH 8:30 - 4:30 | 109

Guiding Practices- Managing a successful student run Café

“Most Culinary Arts Programs have an active learning component (student run café). For this seminar we will discuss guiding practices to help make your student run café a success.

- * Financial Management
- * Preferred Food Distributors
- * Inventory Control
- * Using Social Media to Advertise
- * Google Docs
- * Student Engagement
- * Healthy Food Guidelines”

Gregory West

CEC BCM, Sumner

FRIDAY

F 8:30 - 4:30 | 109

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- * Student Engagement
- * Healthy Food Guidelines”

Gregory West

CEC BCM, Sumner

Information Technology

MONDAY

M 12:00 - 1:30 | 108

Advanced manufacturing, IT, and STEM standards and setting up your classroom

Struggling connecting content and instruction? Need to know where to find resources to teach your standards? We are here to help! Come discover simple solutions and resources you can use in your classroom

Deborah Knoll

Advanced Manufacturing, Information Technology, and STEM Career Cluster Consultant

M 1:35 - 2:30 | 102B

Benefits of SkillsUSA for New Teachers

Want to know how to engage your students? Incorporate CTSOs into your classroom! This session will talk about how to go about starting a chapter and advisor supports available.

Mindy Acklen

M 1:35 - 2:30 | 104B

HOSA Update

Still have questions? Feel like you need a little more clarification? Come talk to your CTE Specialist! We want to help you get the tools and resources you need to be successful.

Christina Isong

Teacher/HOSA Advisor, Summit High School

M 1:35 - 2:30 | 104B

TSA Update

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Dina Starks

Director of Student Leadership

M 4:35 - 5:15 | 104C

Q&A Networking time with Advanced Manufacturing, Information Technology, and STEM Consultant

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Deborah Knoll

Advanced Manufacturing, Information Technology, and STEM Career Cluster Consultant

TUESDAY

T 8:50 - 10:55 | 104A

Student Success: Classroom Relevance in the Career-Ready Conversation

Is your CTE program focused on the drastic skills gap in today's workforce? Is your classroom effective at combining relevant workplace skills with academic standards? Come find out at this career-readiness workshop presented by SkillsUSA. We'll share several timely resources that support the framework of the SkillsUSA mission, which include personal, workplace, and technical skills grounded in academics – all essential to a successful, student-oriented CTE program. Highlights include the unveiling of a new chapter excellence program, an innovative curriculum that infuses 21st Century skills aligned with literacy standards, plus strategies to ensure that students are career-ready.

Gayle Silvey

Membership Development Liaison, SkillsUSA

Debbie Peabody

T 1:30 - 2:25 | 106C

Intro to iOS Development

In this session, I will share the process in which we added an iOS App Development class to our existing IT path. I will share the experiences we had as well as the challenges we encountered. I will discuss how this addition was made possible through a Perkins Reserve Grant, the hardware we put into place and reasoning behind it, the software we are currently using, and training.

Jonathan Miller

Information Technology Instructor, Unicoi County

T 2:55 - 3:50 | 103B

SkillsUSA Update

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Mindy Acklen

T 2:55 - 3:50 | 104B

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Dina Starks

Director of Student Leadership, Division of College, Career & Technical Education

WEDNESDAY

W 10:00 - 10:45, 12:20 - 1:15 | 104A

Working in the School: How Students Gain Valuable Experience Working in their School

We are going to explain how our students get the most out of the opportunity to gain work experience within the IT field while working on school computers or within the school environment. Through building labs, repairing school computers, or even dealing with their peers as clients, students can gain invaluable work experience that can help them mature and develop much faster than their peers when they enter the workforce.

Scott Mosier

We Fix Computers: How Students Gain Valuable Work Experience Working in the School

Frank Cathey Stefen Brock

W 10:00 - 12:05 | 104B

Using Dragonframe to create Stop Motion Project.

DragonFrame is a computer program that allows you to control and shoot stop motion photography using your DSLR camera via USB. Many big Hollywood movies, commercials and music videos have been created using DragonFrame.

We will familiarize students with the basics of stop motion and the workings of DragonFrame and it's control module. As a group we will set up, calculate timing and shoot a 30 second title sequence using paper and cardboard lettering. We will use shapes and small items to add to the movement and create a fun and interesting short video clip to be used in the school's video news program.

Rebecca Reed

Broadcasting Teacher, Clarksville Montgomery Country

Amy Jackson

W 4:05 - 5:00 | 103B

Q&A Networking time with Advanced Manufacturing, Information Technology, and STEM Consultant

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Deborah Knoll

Advanced Manufacturing, Information Technology, and STEM Career Cluster Consultant

THURSDAY

TH 8:30 - 4:30 | 107AB

Introduction to Geographic Information Systems (GIS)

The Introduction to Geographic Information Systems (GIS) course will focus on introducing high school teachers to current geographic information system (GIS) technology including online GIS, global positioning systems (GPS), and Google Earth™ with a focus on preparing teachers to use these technologies in the STEM classroom or to teach the Introduction to GIS course released by the Tennessee Department of Education in Fall 2014. Through a two-day intense workshop, teachers will be introduced to basic concepts in GIS, careers in GIS, data sources and types, and practice using the GIS technologies as tools for the classrooms used today by engineers and other members of the scientific community for inquiry-based problem solving of "real world" issues. The workshop will focus on hands-on activities for teachers and opportunities to apply what they learn in curriculum development brainstorming. Teachers will leave the workshop with activities that can be used in their classrooms and access to the spatial data utilized in those activities. The workshop will be limited to a maximum of 20 teachers due to seating capacity of technology labs that may be utilized for the training and to provide adequate one-on-one assistance by the instructor.

Janey Camp

Research Assistant Professor

TH 8:30 - 4:30 | 105AB

American Design and Drafting Association (ADDA) Study Session (Web Design)

This two-day seminar will provide instructors with a preview and update for taking the ADDA certification exam. The review and exam is designed to assist instructors in becoming ADDA certified. The exam will be administered on the second day after the review. Note: This is a two-day training and testing session for ADDA certification.

Jeff Roush

FRIDAY

F 8:30 - 4:30 | 105AB

American Design and Drafting Association (ADDA) Study Session & Testing (Web Design)

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Janey Camp

Research Assistant Professor

Law, Public Safety, Corrections & Security, and Government & Public Administration

MONDAY

M 8:00 - 12:00 | 101DE

Healthcare WBL Regulations and Procedures (required for any teacher having contact with patients or protected health information) - part 1*.

If you are planning on participating in work-based learning opportunities in the following courses or programs of study, you will need to attend this meeting: Nursing Education, Clinical Internship, Health Services Administration, Dietetics and Nutrition, and/or Fire Management Services. This training will provide the federal and state regulation knowledge requirements for working with patients and protected health information. Only teachers who have never attended a Nursing Education or Clinical Internship train the trainer course should come to this training. This training is in addition to the Work-Based Learning training. The workshop will also focus on required paperwork for working with patients and best practice discussions on starting a patient focused WBL endeavor. *New Nursing Education teachers are required to attend a second training in the afternoon to fulfill the OBRA 8 hour train the trainer requirement.

Sheila Carlton

FNP-C, Sports, Orthopedics, and Spine, TN Dept. of Education

M 12:00 - 1:30 | 102B

Health Science, Government, and Law & Public Safety standards and setting up your classroom

Struggling connecting content and instruction? Need to know where to find resources to teach your standards? We are here to help! Come discover simple solutions and resources you can use in your classroom

Dina Starks

Director of Student Leadership, Division of College, Career & Technical Education

Penney Ashe

CTE License Consultant

M 1:35 - 2:30 | 102B

Benefits of SkillsUSA for New Teachers

Want to know how to engage your students? Incorporate CTSOs into your classroom! This session will talk about how to go about starting a chapter and advisor supports available.

Mindy Acklen

Instructor, Coffee County Central High School

M 4:35 - 5:15 | 104B

Q&A Networking time with Government & Public Administration, Health Science, and Law, Public Safety, Corrections, & Security Consultant

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Dina Starks

Director of Student Leadership, Division of College, Career & Technical Education

TUESDAY

T 8:50 - 10:55 | 104B

Sudden Violence - Surviving an Active Shooter

Throughout the United States, acts of sudden and unexpected violence in schools, shopping malls, office buildings, and other public locations have been on the rise. Events like the shootings in Virginia, Colorado, Oregon, and Connecticut raise awareness of this continuing national problem.

This 1 1/2 hour presentation - will provide vital information about mitigating the threat posed by individuals who carry out acts of violence, along with information that addresses intervention, clarifies the role of those involved, and how to effectively respond to the problem. (This is not a tactical training course). Teachers will walk away with knowledge to teach disaster related standards in order to create simulation lab activities.

Brice Allen

Regional Training Advisor

T 10:00 - 10:55 | 108

Bomb Incident and Suspicious Package Management

Bomb and suspicious package threats persist as one of the most common threat related problems encountered by any organization. This 1 hour program - is designed to provide options for an organization faced with a bomb incident and/or a suspicious package at their facility. The program will cover reasons for bomb threats, credibility of the threat, search techniques evacuations, and threat management choices. Teachers will be able to take the information learned in this session and create labs and simulations for disaster management standards.

Julia McKee

Regional Advisor / State Security Manager

T 12:20 - 1:15 | 104B

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Julia McKee

Regional Advisor / State Security Manager

T 2:55 - 3:50 | 103B

SkillsUSA Update

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Mindy Acklen

Instructor, Coffee County Central High School

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Gayle Silvey

Membership Development Liaison, SkillsUSA

Debbie Peabody

WEDNESDAY

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Julia McKee

Regional Advisor / State Security Manager

W 11:10 - 12:05 | 104DE

Protecting Your Identity - What You Should Know, What You Should Do

Identity fraud is one of the fastest growing crimes in the world. It affects millions of victims each year and results in billions of dollars in losses for consumers, businesses, and financial institutions,. It takes years to build one's identity, but could be destroyed very quickly if it is misused by someone.

This 1 hour presentation is intended to explain some common methods used by identity thieves, how to safeguard your identity, and what to do if you become a victim of identity theft.

The session will help teachers see the victim's side of identity theft to gain a well rounded view of the effects of identity theft.

LPSCS, HIT/HIM, IT teachers would benefit from this session with respect to the crimes discussed as well as the impact to HIPAA with this crime.

Barry Crotzer

Regional Training Advisor

W 12:00 - 2:25 | 104C

Integrating Outside Forensic Material Into CJIII Curriculum

Myself, a former FBI Special Agent, and Special Agent Fraley from the Tennessee Bureau of Investigation, would be presenting about how to find reliable content to use for the new CJIII Forensics curriculum. This curriculum requires extremely in depth forensic knowledge and this presentation would allow for educators to see outside resources that can allow them to develop their own knowledge and speak directly with SA Fraley, who is considered a forensics expert and a graduate of the National Forensics Academy.

Ryan Presnell

CJ Teacher, Elizabethton City

Brian Fraley

W 1:30 - 2:25 | 108

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Barry Crotzer

Regional Training Advisor

W 4:05 - 5:05 | 103A

Q&A Networking time with Government & Public Administration, Health Science, and Law, Public Safety, Corrections, & Security Consultant

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Dina Starks

Director of Student Leadership, Division of College, Career & Technical Education

Science, Technology, Engineering, & Mathematics (STEM)

STEM Sessions Required for New STEM Teachers:

Teachers who are required to attend STEM training (for teachers who are new to teaching STEM courses) can complete this requirement by attending the starred (*) sessions from the list of sessions below. Attendance Monday-Wednesday is all that is required, any sessions offered on Thursday and Friday are optional. Certificates of completion will be emailed to teachers after the Institute.

MONDAY

M 12:00 - 1:30 | 108

* Advanced manufacturing, IT, and STEM standards and setting up your classroom

Struggling connecting content and instruction? Need to know where to find resources to teach your standards? We are here to help! Come discover simple solutions and resources you can use in your classroom

Deborah Knoll

Advanced Manufacturing, Information Technology, and STEM Career Cluster Consultant

M 1:35 - 2:30 | 104B

* Benefits of TSA for New Teachers

Want to know how to engage your students? Incorporate CTSOs into your classroom! This session will talk about how to go about starting a chapter and advisor supports available.

Dina Starks

Director of Student Leadership

M 1:35 - 2:30 | 104B

Benefits of HOSA for New Teachers

Want to know how to engage your students? Incorporate CTSOs into your classroom! This session will talk about how to go about starting a chapter and advisor supports available.

Dina Starks

Director of Student Leadership

M 4:35 - 5:15 | 104C

* Q&A Networking time with Advanced Manufacturing, Information Technology, and STEM Consultant

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Deborah Knoll

Advanced Manufacturing, Information Technology, and STEM Career Cluster Consultant

M 4:35 - 5:15 | 104C

* Full STEAM Ahead - the benefits of incorporating the Arts into STEM learning to reinforce concepts in creative way.

This presentation will focus on the benefits of the new STEAM movement - incorporating more of the Arts in STEM learning. We will be introducing the movement and what all is involved in it. Then we will offer examples and ideas for creative ways to include the Arts into everyday learning, as well as, projects.

Pamela Stewart

Biomedical Teacher, Rutherford County

Heather Corban

Dennis Greenwell

TUESDAY

T 8:50 - 10:55 | 104A

Student Success: Classroom Relevance in the Career-Ready Conversation

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Gayle Silvey

Membership Development Liaison, SkillsUSA

Debbie Peabody

T 8:50 - 9:45 | 103A

Opportunities for Students in Transportation, Distribution, & Logistics Careers

This session will include a panel discussion of opportunities for students in Transportation, Distribution, & Logistics. Industry, postsecondary, and secondary representatives will discuss the diverse opportunities available in the transportation industry highlighting postsecondary training and available careers in transportation operations, logistics planning & management, and warehousing and distribution center operations. Walk away with best practices for preparing students for transportation careers.

Rachel Allen

Career Cluster Consultant

T 10:00 - 10:55 | 101DE

*** Middle School STEM Courses – Laying a Foundation**

This sessions is targeted to 6-8 grade teachers using the STEM standards in the classroom. Session leaders recognize that the prospect of teaching a new course can be overwhelming, the session is designed to alleviate some of that stress by sharing what has worked for us. Participants will be given a standards aligned lesson idea for each grade level and see student work samples.

Amanda Greene

CTE STEM Teacher, Clarksville Montgomery Co School System

Melisa Kelly

T 11:10 - 12:05, 4:05 - 5:00 | 107AB

*** C4: Core Curriculum and Career Connections**

C4: Core Curriculum and Career Connections will provide background and research to support integration of a core academic class and a CTE course in a team-teaching environment. Presenters will model the thinking process to align the curriculum to make the connections as well as strategies to utilize time and resources for innovative instruction. This session will focus on the pairing and alignment of high school “Geometry” and “Principles to Engineering and Technology.” However, the process and tools can be generalized to make connections across various CTE courses and core academics.

Christi Fordham

Assistant Principal, Clarksville-Montgomery County School System

Keith Parker

T 12:10 - 1:15 | 107AB

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Amanda Greene

CTE STEM Teacher, Clarksville Montgomery Co School System

Melisa Kelly

T 1:30 - 2:25 | 107AB

*** Poore man’s STEM projects - Hands-on learning while maintaining a fixed budget**

This session will highlight a variety of hands-on, STEM based projects that can be modified to suit a variety of levels, without being terribly costly. Typical building supplies for these projects would consist of paper, cardboard, re-purposed materials, mousetraps, etc.

David Poore

Engineering Instructor, Robertson County

Ginger Hollingsworth

T 2:55 - 3:50 | 104B

*** TSA Update**

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Mindy Acklen

WEDNESDAY

W 8:50 - 9:45 | 104C

What Students Need to Succeed: Connecting to Postsecondary Opportunities at Tennessee Colleges of Applied Technology

“The presentation covers how to improve student success in career readiness. The topics covered will be based on the belief that most students can master complex academic and technical concepts if schools create an environment that encourages them to make the effort to succeed, and shares the vast opportunities available in postsecondary education in Tennessee.

A major focus of this effort is awareness of the high-quality career-technical education opportunities available at Tennessee Colleges of Applied Technology. We will discuss how teachers and counselors can increase their students’ motivation to succeed in academic studies if they will connect studies directly to a specific career pathway choice that pertains to the students’ interests and goals. The goal is to better prepare students for success in their postsecondary studies, advanced training and careers.”

Shirely Brown

Electronics/Electro-Mechanical Technology Instructor, Tennessee Board of Regents

John Laubach

W 10:00 - 12:05 | 107AB

* Creating lessons and activities through the STEM Education courses to deepen student understanding

Come learn all about the STEM Education program of study designed for students interested in the exciting careers available in the high-demand fields of science, technology, engineering, and mathematics. This program of study is uniquely structured to offer students an overview of STEM fields, occupations, and applications in the first year, followed by more specialized study of the scientific inquiry or engineering design process in subsequent years, culminating in a portfolio and internship experience. Educators participating in this session will complete an activity demonstrating implementation of at least one of the course standards.

Missy Renshaw

Instructional Curriculum Coordinator/STEM Supervisor, Germantown Municipal School District

Christa Phillips

W 12:00 - 1:15 | 105AB

* What Can My Students Do with a Career in STEM? A Discussion Panel with Tennessee STEM Professionals

This session will include a panel discussion of opportunities for students in the diverse and expanding fields of STEM. Our guests are all Tennessee professionals working in a variety of roles in STEM-related industries and companies. Walk away from this session with best practices for inspiring students to pursue careers in STEM, and learn what these companies are looking for in their new hires.

Kate Ayers

Cancer Educational Outreach Program Coordinator at St. Jude Children’s Research Hospital

W 12:20 - 1:15 | 104B

* Dorothy Meets the Wizard: Incorporating the Arts in the STEM Curriculum

This session will describe and demonstrate ways for schools to incorporate the fine arts (visual, dance, theater, and music) into their STEM curriculum. The subject will be presented from the viewpoints of two veteran educators - one from STEM and the other from the Arts - and show the benefits of merging the two disciplines.

Keith Booker

Asst. Principal, Shelby County Schools

Noelia Warnette-Jones

W 1:30 - 3:50 | 104DE

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Missy Renshaw

Instructional Curriculum Coordinator/STEM Supervisor, Germantown Municipal School District

Christa Phillips

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Research Assistant Professor

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F 8:30 - 4:30 | 107AB

* Introduction to Geographic Information Systems (GIS)

The Introduction to Geographic Information Systems (GIS) course will focus on introducing high school teachers to current geographic information system (GIS) technology including online GIS, global positioning systems (GPS), and Google Earth™ with a focus on preparing teachers to use these technologies in the STEM classroom or to teach the Introduction to GIS course released by the Tennessee Department of Education in Fall 2014. Through a two-day intense workshop, teachers will be introduced to basic concepts in GIS, careers in GIS, data sources and types, and practice using the GIS technologies as tools for the classrooms used today by engineers and other members of the scientific community for inquiry-based problem solving of “real world” issues. The workshop will focus on hands-on activities for teachers and opportunities to apply what they learn in curriculum development brainstorming. Teachers will leave the workshop with activities that can be used in their classrooms and access to the spatial data utilized in those activities. The workshop will be limited to a maximum of 20 teachers due to seating capacity of technology labs that may be utilized for the training and to provide adequate one-on-one assistance by the instructor.

Janey Camp

Research Assistant Professor

Transportation, Distribution, & Logistics

MONDAY

M 12:00 - 1:30 | 104C

Architecture & Construction, Arts, A/V Technology, and Transportation standards and setting up your classroom

Struggling connecting content and instruction? Need to know where to find resources to teach your standards? We are here to help! Come discover simple solutions and resources you can use in your classroom

Rachel Allen

Arts, A/V Technology, Architecture & Construction, and Transportation, Distribution, & Logistics Career Cluster Consultant

M 1:35 - 2:30 | 102B

Benefits of SkillsUSA for New Teachers

Want to know how to engage your students? Incorporate CTSOs into your classroom! This session will talk about how to go about starting a chapter and advisor supports available.

Mindy Acklen

M 4:35 - 5:15 | 106C

Q&A Networking time with Architecture & Construction, Arts, AV, Technology & Communications, and Transportation, Distribution & Logistics Consultant

Still have questions? Feel like you need a little more clarification? Come talk to your Career Cluster Consultant! We want to help you get the tools and resources you need to be successful.

Rachel Allen

Arts, A/V Technology, Architecture & Construction, and Transportation, Distribution, & Logistics Career Cluster Consultant

TUESDAY

T 8:50 - 9:45 | 103A

Opportunities for Students in Transportation, Distribution, & Logistics Careers

This session will include a panel discussion of opportunities for students in Transportation, Distribution, & Logistics. Industry, postsecondary, and secondary representatives will discuss the diverse opportunities available in the transportation industry highlighting postsecondary training and available careers in transportation operations, logistics planning & management, and warehousing and distribution center operations. Walk away with best practices for preparing students for transportation careers.

Rachel Allen

Arts, A/V Technology, Architecture & Construction, and Transportation, Distribution, & Logistics Career Cluster Consultant

T 8:50 - 10:55 | 104A

Student Success: Classroom Relevance in the Career-Ready Conversation

Is your CTE program focused on the drastic skills gap in today's workforce? Is your classroom effective at combining relevant workplace skills with academic standards? Come find out at this career-readiness workshop presented by SkillsUSA. We'll share several timely resources that support the framework of the SkillsUSA mission, which include personal, workplace, and technical skills grounded in academics – all essential to a successful, student-oriented CTE program. Highlights include the unveiling of a new chapter excellence program, an innovative curriculum that infuses 21st Century skills aligned with literacy standards, plus strategies to ensure that students are career-ready.

Gayle Silvey

Membership Development Liaison, SkillsUSA

T 10:00 - 10:55 | 106C

ASE Industry Education Alliance, A model for technical education.

All companies seek to hire exceptional, qualified, entry-level individuals and encourage continued learning throughout their careers. To help meet this challenge, the ASE Industry/Education Alliance is a group of organizations under the ASE umbrella with the mission to connect motivated technicians to the best training and certification programs and lifelong learning, while facilitating the connection between industry and education to ensure pools of available talent to meet employment needs now and in the future. The ASE Industry/Education Alliance consists of:

- The National Institute for Automotive Service Excellence (ASE)
- National Automotive Technicians Education Foundation (NATEF)
- Automotive Youth Educational Systems (AYES)
- Automotive Training Managers Council (ATMC)

Tom Richardson

VP, National Institute for Automotive Service Excellence (ASE)

T 11:10 - 12:05 | 104A

ASE Industry Education Alliance, A model for technical education.

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- Automotive Training Managers Council (ATMC)

Tom Richardson

VP, National Institute for Automotive Service Excellence (ASE)

T 12:20 - 2:25 | 104A

Certifications in Electricity, Torque and Diagnostics

I will update this description for publication in program—Our format will be to introduce instructors to the Snap-on/NC3 Certification programs with an overview, followed by a hands on portion of the training for the instructors to experience. This will allow them to experience the program, show how it is used in the classroom and the eventual outcome of stackable certifications for the students.

Timothy Smith

District Sales Manager

James Walpert

T 2:55 - 3:50 | 103B

SkillsUSA Update

Still have questions? Feel like you need a little more clarification? Come talk to your CTE Specialist! We want to help you get the tools and resources you need to be successful.

Mindy Acklen

T 2:55 - 5:00 | 104B

TSA Update

Still have questions? Feel like you need a little more clarification? Come talk to your CTE Specialist! We want to help you get the tools and resources you need to be successful.

Dina Starks

WEDNESDAY

W 10:00 - 12:05 | 103A

Effects of Steering angle sensors

Current changes in under car technology for the Auto repair industry.

David Foutch

Manufacturer's Rep, Hunter Engineering Co

James Alcorn**Ron Smallwood**

W 2:55 - 3:50 | 104B

Competing to Succeed - promoting student growth through CTSO competition.

Student competition is a powerful tool in the teacher toolbox. Through competitive events students (& teachers) are motivated to push themselves to new levels of excellence. This session explores how to promote student achievement through CTSO competitions.

Paul Frye

Automotive Technology Instructor, Shelby County Schools

W 4:05 - 5:00 | 106C

Q&A Networking time with Architecture & Construction, Arts, AV, Technology & Communications, and Transportation, Distribution & Logistics Consultant

Still have questions? Feel like you need a little more clarification? Come talk to your Career Cluster Consultant! We want to help you get the tools and resources you need to be successful.

Rachel Allen

Arts, A/V Technology, Architecture & Construction, and Transportation, Distribution, & Logistics Career Cluster Consultant

EXHIBITOR INFORMATION

COMPANY	Day of Week
ACT, INC	Tuesday, July 7, 2015
AMERICAN TECHNICAL PUBLISHESR	Tuesday, July 7, 2015
BRANDYWINE PRINTING	Tuesday, July 7, 2015
CEV MULTIMEDIA	Tuesday, July 7, 2015
COUNTY MEATS	Tuesday, July 7, 2015
CTE LICENSURE	Tuesday, July 7, 2015
EDSOUTH STUDENT OUTREACH SERVICES	Tuesday, July 7, 2015
EVERFI	Tuesday, July 7, 2015
FEDERAL RESERVE BANK OF ATLANTA NASHVILLE BRANC	Tuesday, July 7, 2015
GALAXY MARKETING	Tuesday, July 7, 2015
GANDY INK SPIRIT WEAR	Tuesday, July 7, 2015
GBC CUSTOMIZED CALENDARS	Tuesday, July 7, 2015
GEORGIA EDUCATIONAL SOLUTIONS	Tuesday, July 7, 2015
GOODHEART-WILCOX PUBLISHER	Tuesday, July 7, 2015
KUDER, INC	Tuesday, July 7, 2015
LEARNING LABS, INC	Tuesday, July 7, 2015
LEARNING PARTNERS, LLC	Tuesday, July 7, 2015
MCGRAW-HILL EDUCATION	Tuesday, July 7, 2015
NATIONAL GEOGRAPHIC/CENGAGE LEARNING	Tuesday, July 7, 2015
PASSASSURED	Tuesday, July 7, 2015
PRESENTATION SOLUTIONS	Tuesday, July 7, 2015
PROJECT LEAD THE WAY	Tuesday, July 7, 2015
REALITYWORKS	Tuesday, July 7, 2015
REDMOND MACHINERY	Tuesday, July 7, 2015
RELETECH	Tuesday, July 7, 2015
SNAP ON TOOLS	Tuesday, July 7, 2015
TECHNICAL TRAINING AIDS	Tuesday, July 7, 2015
TN CREDIT UNION	Tuesday, July 7, 2015
TN SCHOLARS	Tuesday, July 7, 2015
WHITE BOX LEARNING	Tuesday, July 7, 2015
ABC GREATER TN	Wednesday, July 8, 2015
BETHEL UNIVERSITY	Wednesday, July 8, 2015
BETHEL UNIVERSITY	Wednesday, July 8, 2015
CTE LICENSURE	Wednesday, July 8, 2015
DECA	Wednesday, July 8, 2015
DEPARTMENT OF EDUCATION	Wednesday, July 8, 2015
DIVISION OF COLLEGE AND CAREER READINESS	Wednesday, July 8, 2015
FBLA	Wednesday, July 8, 2015
FCCLA	Wednesday, July 8, 2015
FFA	Wednesday, July 8, 2015
HOSA	Wednesday, July 8, 2015
MEMPHIS MEPS	Wednesday, July 8, 2015
NISSAN GROUP	Wednesday, July 8, 2015
SKILLSUSA	Wednesday, July 8, 2015
TENNESSEE BOARD OF REGENTS	Wednesday, July 8, 2015
TENNESSEE EARLY CHILDHOOD TRAIING ALLIANCE	Wednesday, July 8, 2015
TENNESSEE EDUCATION ASSOCIATION	Wednesday, July 8, 2015
TENNESSEE STATE FAIR	Wednesday, July 8, 2015
TN ASSOCIATION FOR CAREER AND TECHNICAL EDUCATC	Wednesday, July 8, 2015
TN ASSOCIATION OF TEACHERS OF FAMILY AND CONSUM	Wednesday, July 8, 2015
TN BUSINESS EDUCATION ASSOCIATION	Wednesday, July 8, 2015
TN COLLEGES OF APPLIED TECHNOLOGY	Wednesday, July 8, 2015
TN HIGHER EDUCATION COMMISSION	Wednesday, July 8, 2015
TN NATIONAL GUARD	Wednesday, July 8, 2015
TN REGULATORY AUTHORITY	Wednesday, July 8, 2015
TN STUDENT ASSISTANCE CORPORATION	Wednesday, July 8, 2015
TSA	Wednesday, July 8, 2015
UNION UNIVERSITY	Wednesday, July 8, 2015
UNITED STATES ARMY	Wednesday, July 8, 2015
UNITED STATES NAVY	Wednesday, July 8, 2015
WESTERN GOVERNORS UNIVERSITY	Wednesday, July 8, 2015

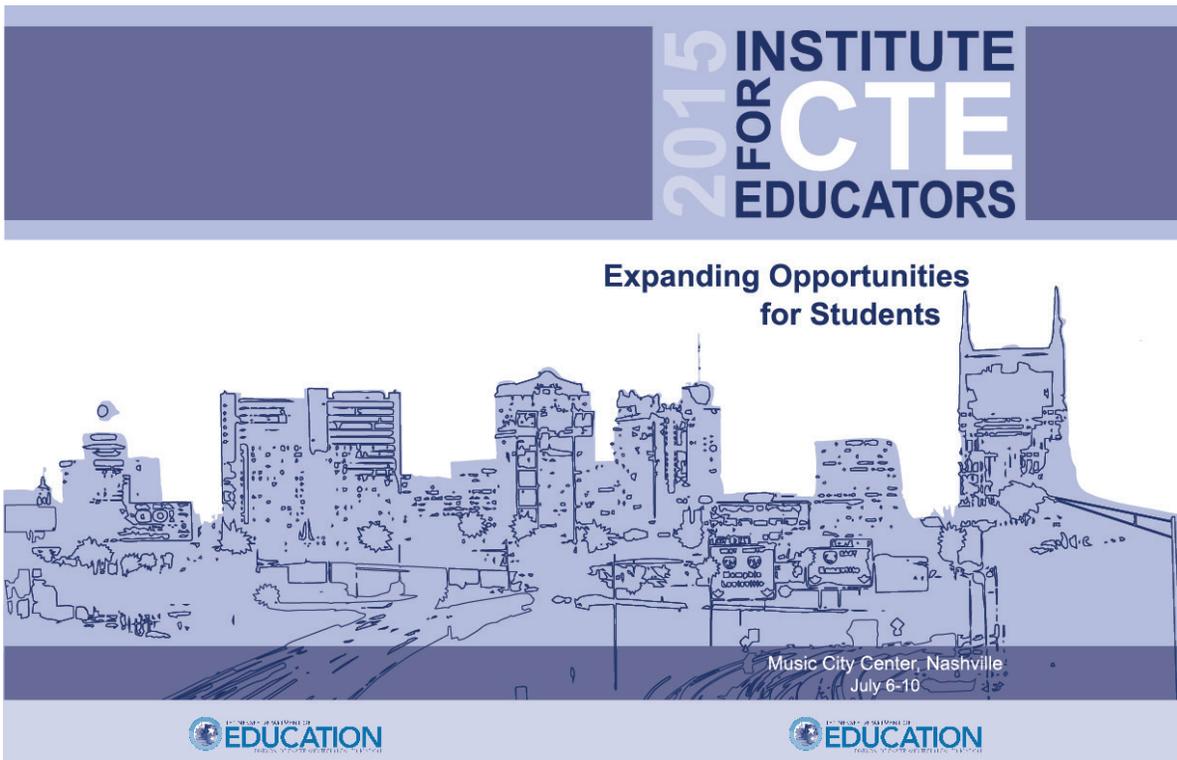
Notes

Notes

PROGRAM COVER DESIGN RUNNER-UPS



Shannon McCool from Lincoln County High School



Emily Moss from Independence High School in Williamson County

