

2023 CTE Summer Program

Tentative Schedule

Tuesday, July 18

- Conference/Exhibit Set-up
- Registration 3:00 p.m.
- Registration and Exhibit area closes at 6:00 p.m.

Wednesday, July 19

- Registration and Exhibits open at 7:00 a.m.
- Continental Breakfast 7:00 a.m.
- Opening Session, 8:00 a.m.
- Lunch 11:30 a.m.
- Special Break in The CTE Meeting Place 2:30 p.m.

Thursday, July 20

- Registration and Exhibits open at 7:00 a.m.
- Continental Breakfast 7:00 a.m.
- Lunch 11:30 a.m.
- The CTE Meeting Place closes at 3:00 p.m.

Administration

Tuesday, July 18

- ATC Principals Meeting

Wednesday, July 19

- CTE Coordinators, Administrators, Counselors Meeting
- Creating CTE Environments that are Trauma Informed
- CLNA Updates for the 2023 Fall Sessions
- KTS Data Exchange-New Users

Thursday, July 20

- NCCER Curriculum Proctor Training
- East Region ATC Principals Meeting
- Data to Actions – Leveraging Historical Career Tech Data
- West Region ATC Principals Meeting
- Central Region ATC Principals Meeting
- Using Data to Identify and Address CTE Opportunity Gaps
- Perkins New Coordinator's
- Registered Apprenticeship: A Journey to Success

Friday, July 21

- Joining Forces: Area Technology Center (ATC) and Local Career Technical Center (CTC) Principals Breakfast and Meeting

Agriculture

Tuesday, July 18

- KAAE Executive Committee
- KAAE Advocacy Committee
- KAAE Professional Growth and Awards Committee
- Agriscience Inquiry Institute - Part I
- KAAE Contest Committee

Wednesday, July 19

- Agriscience Inquiry Institute - Part II
- Big Sandy River Region KAAE Meeting
- Agricultural Education Program Update
- Agriculture Industry Panel
- Green River Region KAAE Meeting
- Pennyrile Region KAAE Meeting
- Ag Ed New Teacher Workshop
- KAAE Scholarship Committee

Thursday, July 20

- Agricultural Education Off-Site Sessions

Friday, July 21

- Agricultural Education Round Tables
- KAAE Brunch, Awards and Annual Meeting

All Content Areas

Tuesday, July 18

- New Teacher Institute Special Event
- New Teacher Institute Cohort 2022
- New Teacher Institute Cohort 2023

Wednesday, July 19

- New Teacher Institute Cohort 2022
- New Teacher Institute Cohort 2023
- Work-Based Learning 101
- KACTE Annual Meeting
- Online, Interactive, and Industry Recognized Credentials
- JCPS CTE Teacher Institute
- Get Certified in the Industry Certification Lab!
- Understanding and Supporting Diverse Learners through CTE
- NTI - Classroom Management
- Incorporating Industry Certifications in CTE
- The Power of Creative and Critical Collaboration
- Leadership through Fellowship: From the Perspective of 2022-23 KACTE Leadership Fellows
- Crafting Your Own Speakers Series
- Farm to Table
- Using Data to Help Improve Your Programs

Thursday, July 20

- New Teacher Institute Cohort 2022
- New Teacher Institute Cohort 2023
- What's the Big Deal About CTSOs?
- Creating a Competitive Advantage for your Students Future Business Careers
- New Work-Based Learning Manual and Accountability Review
- SOLD! How to Start and Manage Your School-Based Enterprise
- TEDS Secondary Schools Updates
- Parent Engagement and CTE
- 2023-2024 CTE EOP Assessment Updates
- JCPS CTE Teacher Institute

- Get Certified in the Industry Certification Lab!
- Time Well Spent: Productivity Skills for Success
- The Impact of Collaboration Between Workforce Development Programs
- Purpose in Action: Designing for Accessibility
- Relationship Building between CTE and Special Education, Communication and Program Promotion
- The High-Quality CTE Framework
- Free Digital Lessons to Equip Students with Real-World Skills
- An Educator's Ethical Responsibilities to Students, Parents/Guardians, and the Education Profession
- Using Nearpod in the Classroom to Engage All Learners
- TRACKing A Decade
- Planning your day with Digital Curriculum
- SkillsUSA Kentucky Update
- SkillsUSA NTI Year 2 Teachers/Advisors
- Putting the 'Team' back in 'Teamwork'
- Building and Maintaining Industry Partners
- Barren County - Community Capstone and Digital Deployment
- Create Useful PLC's for CTE Program Area Teachers
- Connecting the Dots Between CTE and Your Community
- Locks, Keys, Students, and Stories
- Collabulous! CTE Partners Working Together to Create Opportunity for Kids
- Behavior Management
- Building Relationships with CTE students: How It's Different than 'Regular' Classes
- Authentic Problem-Based Learning and Methods Connecting CTE and Core Content Classrooms
- Increasing Professional Skills using Instructional Methods
- Inquiry-Based Learning with the 5E Model

Friday, July 21

- New Teacher Institute Cohort 2022
- New Teacher Institute Cohort 2023

Business/Marketing

Tuesday, July 18

- Kentucky Business Education Association Headquarters
- Kentucky Marketing Association Headquarters
- KBEA Board Meeting
- Kentucky Marketing Education Association Information Room
- Business & Industry Tour for Business & Marketing Teachers
- Kentucky DECA Board of Directors Meeting
- KY FBLA Board of Directors Meeting

Wednesday, July 19

- Kentucky Business Education Association Headquarters
- Kentucky Marketing Association Headquarters
- FBLA Fundraising by Using a Cricket Maker 3
- Middle School Ethics
- Good Ol' Kentucky Hospitality
- Business & Marketing Opening Session & Program Updates
- Kentucky Marketing Education Association Information Room
- Membership Explosion: How to successfully grow your FBLA chapter membership!
- Kentucky DECA Update
- New to Business & Marketing? Here's All You Need to Know About DECA!
- FoolProof, Real Financial Literacy Education for Middle and High School Students
- MBA Research 101: What is it, How do I use it, and How does it relate to the Program of Studies

- Dual Credit within the CTE Framework: Insight From a Regional University
- Current and Trendy Content for Your Business Classroom
- Next Generation Personal Finance in the Classroom
- KBEA Social

Thursday, July 20

- Kentucky Business Education Association Headquarters
- Kentucky Marketing Education Association Headquarters
- How to Build an FBLA Middle School Chapter
- Business and Marketing Roundtables
- Teach Entrepreneurship: One Concert at a Time
- Teamwork makes the dream work!
- Integrating CTSO's Into Your Classroom
- Kentucky Master Teacher of Personal Finance PD Program
- Kentucky Marketing Education Association Information Room
- Third Annual Kentucky Jump\$tart Teacher Awards Dinner with the Fed- BY INVITATION ONLY
- Business & Marketing New Teacher Orientation
- KMEA Annual Meeting
- Maximize Student Achievement with A*S*K Certification Exams
- Craft an EOP module or practice assessment that delivers excellence!
- Cardinal Bridge Academy - Dual Credit Partnerships with University of Louisville College of Business
- Business Incubators
- Business Trends In Kentucky
- Ethics Integration
- BusinessU: Biz Courses, Bellringers, and Balance Sheets (+ 2023 Updates)
- Ethics Integration

- This is How DECA's Competitive Events Connect to Curriculum
- This is Your DECA Resource Refresher
- Kentucky Retail Federation's Retail Marketing Internship
- Were you that kid that liked to play school?
- Business Career Lesson Plans and Activities
- Keep Their Attention & Get Them Moving: Easy and Effective Instructional Strategies and Activities
- Creating a self-paced classroom for MOS Certifications
- Accounting: Beginning with the End
- Bells Are Ringing and Scores Are Soaring
- Baptism by Fire: What 1st Year Teachers Need to Know
- Project Based Learning: Transform your Business and Marketing Classroom.
- FBLA Blueprint for Success Lay a Foundation for a Successful Chapter
- Using Econ Lowdown to Teach the Kentucky Personal Finance Course
- Industry Certifications for Business and Marketing
- GMetrix, LearnKey, and BrainBuffet Workshop

Friday, July 21

- Business & Marketing Teacher Brunch

Computer Science

Wednesday, July 19

- CMU CS Academy - Free Accessible and Interactive Python Curriculum
- Computer Science and Information Technology Industry Certifications
- Extending Reality into the IT Classroom
- Computer Science Update Session

- Teach, Make, and Play with the Raspberry Pi
- Drone Regulations, Technology, and Resources
- Accessible Augmented Reality | Post Reality

Thursday, July 20

- Explore game-based learning with CoderZ
- Empower Educators to Teach Computer Science with Confidence
- Beyond Algorithms: College and Career Readiness in the CS Classroom
- Building the Colony - How to Make a Makerspace
- Coding with Swift - beginning techniques to learn the language.
- Jumpstart Your Students' Futures with Free Computer Science Certifications in Kentucky!
- Engage, teach, and assess your students with Coding in Minecraft
- Using Scrum in Class for Managing Student Projects
- Coding Fundamentals using the micro:bit
- Computer Science NTI Teacher Update
- Artificial Intelligence and how it Impacts our Society
- IT Specialist Certifications
- SkillsUSA Kentucky Update
- SkillsUSA NTI Year 2 Teachers/Advisors
- Robotics in the Classroom
- Immersive Virtual Reality and Augmented Reality-Are You Ready to Explore the Future?

Friday, July 21

- Computer Science Program Area Breakfast!

Construction

Wednesday, July 19

- Construction Program Update for Carpentry and Construction Technology (BAM)
- Electricity, HVAC, Heavy Equipment, Masonry, and Plumbing - Construction Program Update
- Jobs that Pay-Preparing Tomorrow's Construction Leaders.
- Changing the Way We Teach HVAC/R Skills

Thursday, July 20

- Apprenticeship Opportunities for Plumbing, Pipefitting, HVAC and Welding
- IKORCC Construction Workshop - Offsite
- New Construction Teacher Orientation
- Registered Apprenticeship: A Journey to Success
- SkillsUSA Kentucky Update
- SkillsUSA NTI Year 2 Teachers/Advisors

Friday, July 21

- Construction Breakfast Roundtable - Registration Required

Engineering & Technology Education

Wednesday, July 19

- KETEA - Eng. Tech. Ed. Fundraising Roundtables
- Engineering Tech Ed Program Updates
- KETEA Networking Function (Members only)
- Troubleshooting Your 3D Printer
- SkillsUSA Drone Competition, Drone Maintenance & Troubleshooting
- Educational Drones for Secondary STEM Programs
- Teach, Make, and Play with the Raspberry Pi

- Drone Regulations, Technology, and Resources

Thursday, July 20

- Get Students Engaged with Hands On Projects
- Excellent Energy Engineering and Careers Excursion
- Cheap and Dirty single sheet paper Rockets for Almost nothing.
- Modelmaking with Cardboard and tape using the AWSQC10 Welding Craftsmanship samples .
- Engineering Tech Ed/Aviation New Teachers Orientation
- KY Engineering Tech. Ed. Association Luncheon
- Engineering Technology Never Looked So Good - And Easy!
- NEW - 3D Printing Certification and Market Changes
- AM Pathways, VR, AI...What's New in the World of Additive Manufacturing?
- Integrating Drones into Education and Expanding Careers in Unmanned Aviation
- Technology Student Association - Updates & Orientation

Family & Consumer Sciences

Tuesday, July 18

- FCS Nook
- New FCS Teacher Orientation and Workshop
- FCS Education College Student Orientation
- KATFCS Regional Executive Council Meeting
- KATFCS State Board Meeting
- Mentor/Mentee Orientation & Meet and Greet

Wednesday, July 19

- FCS Nook
- Diversity Equity and Inclusion in the FCS Classroom
- The Five Senses Experience
- Reggio Emilia; Empowering Children Through Endless Opportunities
- FCS & FCCLA Updates
- A Non-Profit Touching Lives Over Central KY
- Super Sleuths - Uncovering the mysteries of unsafe food practices.
- Sewing for Service
- KATFCS Regional Meetings
- Growing Future Teachers
- No Kitchens? No Problem!
- Cookie Decorating with Royal Icing

Thursday, July 20

- FCS Nook
- Exploring the KY Nutrition Education Program: Opportunities for Communities, Students, and Teachers
- Felt Monsters Project: Where ART, FUN and FCS Meet!
- Marriage and Divorce Laws: Get the Facts!
- Ready-to-Go Activities for Foods Pathway (And Cheese Tasting!)
- FCCLA Adviser Summit Overview
- Solving the Mystery of Running a FCCLA State Officer
- Culinary Classroom Best Practices- Strategies for Success
- Farm to Fork Resources for your FCS and Culinary Classroom
- Growing the Early Childhood Workforce Through Youth Apprenticeship
- Hospitality Pathway: Careers, Curriculum, and Community Connections
- FCS in a Middle School World
- Hands-On with FCS Essentials
- Solving the Mystery of Teaching Theorist
- The Art of Cake Decorating Basics (Session is limited to 20 attendees)

- King Arthur “Bake for Good” Program
- Integrating Literacy and Technical Reading Strategies in the Middle School FCS Classroom
- MRE - Meal Ready to Eat
- FCS Roundtables
- FCS Station Rotations from Middle to High School
- NEW-Kentucky FCCLA Honor Roll System!
- Balancing Stacked Classes and Student Based Enterprises
- Helpful Resources for Work-Based Learning in ECE
- Interior Design in the Restaurant and Hospitality Industry

Friday, July 21

- KATFCS Awards Brunch & Business Session
- 2023-2025 FCCLA Advisory Board *Invite Only*

Health Science

Tuesday, July 18

MOI Training

Wednesday, July 19

Using immersive 3D learning to improve outcomes in Health Science courses
KY HealthCorps - Paid Opportunities in Healthcare
Elevate your Health Science Program with Industry Credentials
Sticky Situation: Offering Phlebotomy Certification in Health Science Pathways
MNA Update
Engaging and Assessing Health Science Students: How to get the most out of students in class and on
Navigating HOSA Online Systems
Health Science Program Update

Thursday, July 20

- MNA Tips and Tricks for Improved Student Outcomes
- MNA Tips for Teachers
- KY HOSA: Future Health Professionals 2023-24 Update
- Stop the Bleed Instructor Certification
- Breakout Session Year 2 Advisors
- Ask Me Anything! (KY HOSA edition)
- HOSA: How To
- HOSA Competitive Events Update
- Elevate your Health Science Program with Industry Credentials
- Afternoon snack break for new teachers and seasoned teachers
- Public Health Dual Credit Courses
- New Teacher Institute Participants Meeting with Health Science Program Consultant
- PLTW Biomedical Science Sharing and Networking
- Integrating Public Health into the Curriculum
- AR/VR Learning for CTE and Science

Friday, July 21

- MOI Training
- Health Science Program Special Event

Law & Public Safety

Wednesday, July 19

- Roundtable Fire Science Programs
- CTE Dual Credit Opportunities & Curriculum Maps
- Growing Successful Business Partnerships in CTE
- Proper documentation and tracking of fire service training.
- Law & Public Safety Program Updates

Thursday, July 20

- 911 Basic Training. What Should I Expect?
- Pedagogy in Criminal Justice

- Active Learning in Law and Public Safety Courses
- Preparing the Next Generation of Child Welfare Leaders
- Kentucky State Police Apprenticeship and Other Employment Opportunities
- Pursuing partnerships with Kentucky Office of Homeland Security (KOHS)
- Stop the Bleed
- SkillsUSA Kentucky Update
- SkillsUSA NTI Year 2 Teachers/Advisors
- Putting the 'Team' back in 'Teamwork'
- Beginning with the End in Mind: Fundamentals of Backward Design

Friday, July 21

- Media Arts and Law & Public Safety Breakfast & Collaboration

Manufacturing

Wednesday, July 19

- Industry Recognized Certification Program for Manufacturing and Engineering Pathways
- Desktop CNC Milling Solutions
- Beginner PLC
- Manufacturing Updates

Thursday, July 20

- Mechatronics
- Paid to Learn - Apprenticeship Model that Pays for Education and Leads to High Wage Career!
- Innovative Smart Automation Industry Certification for Career-focused programs.
- LEAH's Alarm: Using Coding, Engineering, Industry Partnerships and Project Based Learning
- Advanced PLC
- Manufacturing New Teacher Information
- Robotics in the Classroom
- AR/VR Learning for CTE and Science

- SkillsUSA Kentucky Update
- SkillsUSA NTI Year 2 Teachers/Advisors

Friday, July 21

- Manufacturing and Transportation Buffet Breakfast

Media Arts

Wednesday, July 19

- Photography for Educators
- Leveraging Perkins to Enhance Your Media Arts Program
- Storytelling Through Thoughtful Video Projects
- University Wish List: Future Media Student Prep
- Accessible Augmented Reality | Post Reality

Thursday, July 20

- Open-Source (Free) Multimedia Resources
- Partnering with BCTC: Multi-camera and Film Options
- The Art of Editing Movie Trailers
- Making InDesign Relevant for Students
- Lights, Camera, Action: From Simple TV Studios to Broadcast Club
- Emerging technologies for production and publishing: Pigeons, Pokemon, AI and NFTs
- Hot Mic: Sounds and Stories
- University Wish List: Future Media Student Prep
- Beginning with the End in Mind: Fundamentals of Backward Design
- NTI - Media Arts and Law & Public Safety Meet and Greet
- SkillsUSA Kentucky Update
- SkillsUSA NTI Year 2 Teachers/Advisors
- Putting the 'Team' back in 'Teamwork'

Friday, July 21

- Media Arts Program Updates

School Counselors/Career Advisors

Thursday, July 20

- Aligning CTE, Profile of a Graduate, Work Ethics Certification, Work-Based Learning, and Technology
- Better FAFSA Better Future: Understanding the Coming FAFSA Changes
- Elevating Partnerships to Ensure Equitable Postsecondary Advising
- Dual Credit Options within 4-year University Providers

Friday, July 21

- Individualizing CTE Pathways for Students Using the ILP and CPE

Teaching and Learning

Wednesday, July 19

- The value of industry certification
- Educators Rising Teacher Leader Training

Thursday, July 20

- Using Multi-week Games and “Lab” Space to Crystalize Financial Literacy Concepts
- CTE- The Gateway to Address Students Impacted by Trauma
- Kentucky Financial Empowerment Commission's Free Financial Education Resources and Teacher Training
- Let's Elevate Engagement in our Business Education Classroom!
- Immersive Virtual Reality and Augmented Reality-Are You Ready to Explore the Future?

Transportation

Wednesday, July 19

- Roll on Eighteen Wheeler
- Automotive Electrical : From A to CAN

- Transportation Program Updates

Thursday, July 20

- IASE update 1
- ASE updates part 2
- New Transportation Teacher (NTI)
Information, Resources, and Updates
- SkillsUSA Kentucky Update
- SkillsUSA NTI Year 2 Teachers/Advisors

Friday, July 21

- Manufacturing and Transportation Buffet
Breakfast