

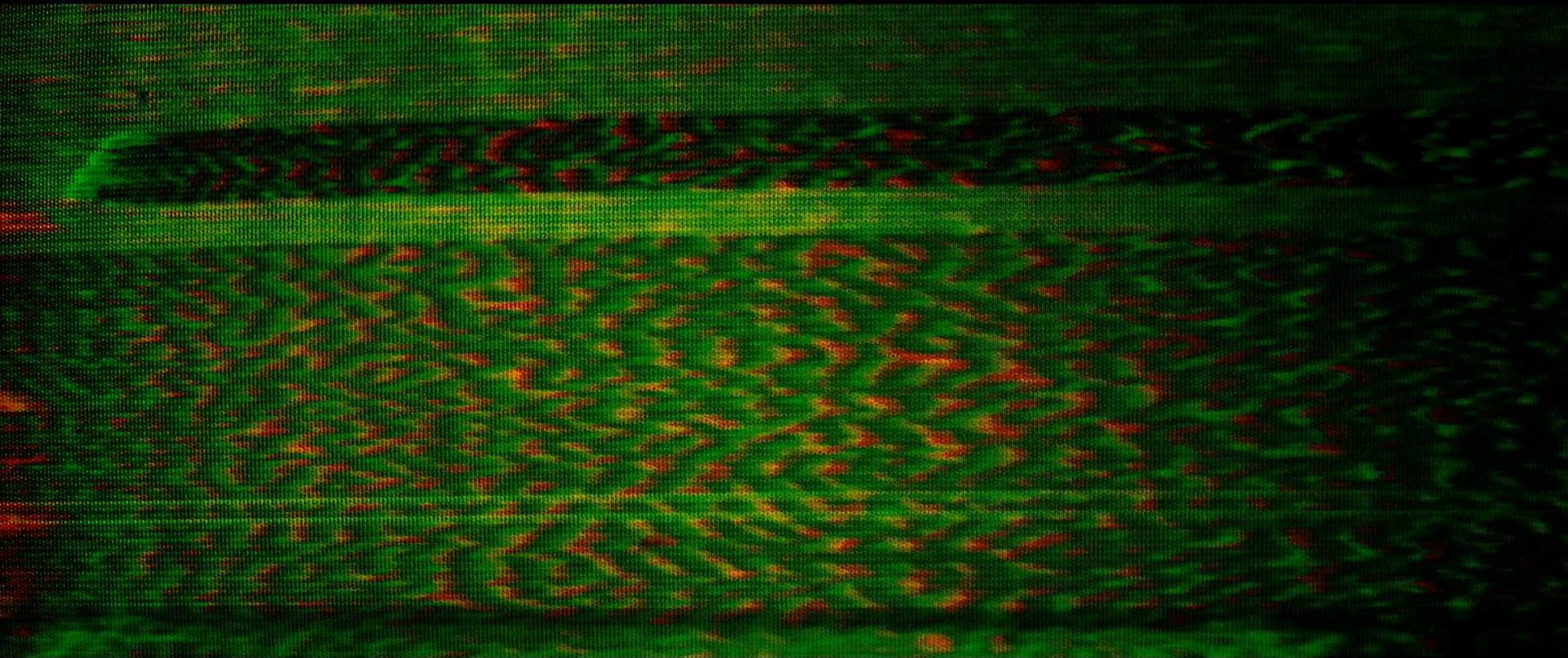


Maryland Career & Technical Administrators (MCTA) 2025 Summer Conference

Powering Possibility: CTE as the Gateway for All Learners

Rob Limpert- iCEV -Maryland Territory Manager

The World Needs CTE



https://www.icevonline.com/



Get a FREE Trial

Book a Demo

Champion the Changemakers

Transform student passions into purposeful career callings with our comprehensive CTE solution.

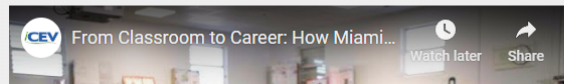
Get a FREE Trial

Book a Demo



Learn With the Best

Discover how Miami-Dade County Public Schools—one of the largest and most diverse school districts in the nation—uses iCEV to drive student success in career and technical education.



"We chose iCEV because it's a comprehensive platform with a variety of tools, videos, and learning materials that"



https://www.icevonline.com/maryland

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Get a FREE Trial Book a Demo

CTE Curriculum & Solutions for Maryland Districts

Maryland CTE educators use iCEV to meet their standards and prepare learners for certifications.

Get a FREE Trial Book a Demo

CTE Curriculum Industry Certifications CTE Data Reporting Find Your iCEV Team Contact

Maryland Needs CTE

At iCEV, we're committed to giving you and your students the tools to become the skilled and passionate changemakers our world needs now.

See how CTE can transform lives across Maryland and why your classroom matters more than ever.

iCEV Curriculum Offerings



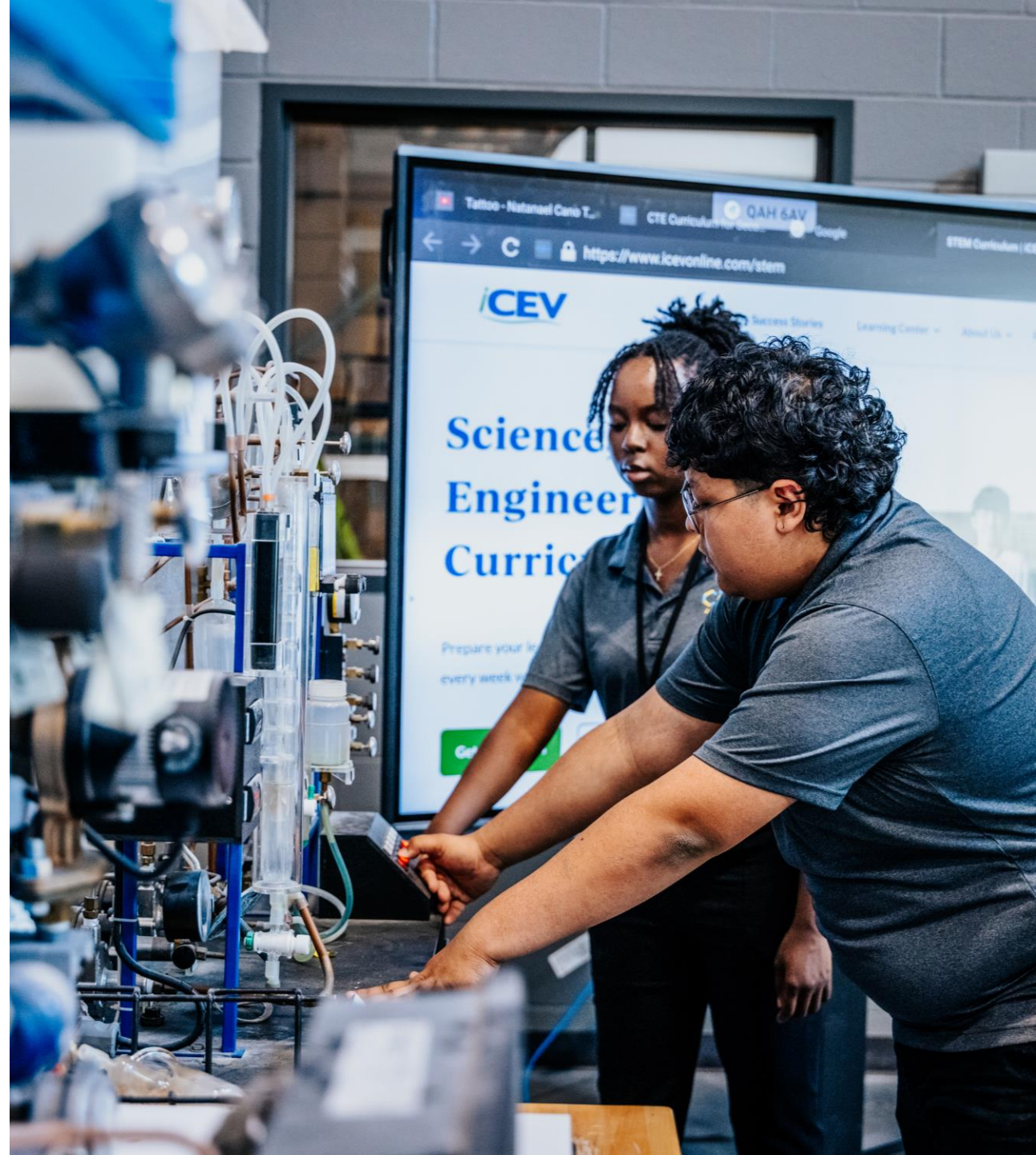


Flexible, Ready-to-Teach CTE Courses

- ✓ Teach More, Plan Less
- ✓ Aligned to State & National Standards
- ✓ Multiple Preps, One Tool

Automatic Grading Makes it Easy

- ✓ Effortlessly Assign & Grade
- ✓ Students Receive Instant Feedback
- ✓ Track Student & Class Progress



Self-Service Experience

- More autonomy for Organizational Admins
- Faster, smoother onboarding
- Streamlined support experience

Pretests & Posttests

- Offered for most educational objectives-aligned courses
- Maximize learning outcomes
- Showcase measurable growth

Global Navigation

- Confidently navigate the platform with a consistent intuitive experience
- Access key functions quickly and efficiently with less confusion
- Adapt to new features, roles and tools

Translation & Text-to-Speech

- 100+ language translations
- Available on all iCEV interactive materials
- Included in all new/updated iCEV courses

iCEV Curriculum Areas



Agricultural Science



Health Science



Architecture, Construction,
Transportation & Manufacturing



Law, Public Safety, Corrections
& Security



Business, Marketing, Finance,
IT & Media



Middle School Digital Literacy
& Career Exploration



Career Exploration



Science, Technology, Engineering
& Math



Cosmetology & Barbering



Transportation: Automotive, Diesel
& Small Engines



Family & Consumer Sciences



Agricultural Science

All-Inclusive, Standards-Aligned CTE Curriculum & Instructional Materials



- Agricultural Animal Production & Management
- Agricultural Equipment Design & Fabrication
- Agricultural Mechanics & Metal Technologies
- Agricultural Power Systems
- Agricultural Structures Systems
- Animal Science
- Drone Theory & Design
- Energy & Natural Resource Technology
- Equine Science
- Exploring Agriscience (Middle School)
- Floral Design
- Food Processing
- Food Science
- Food Technology & Safety
- Forestry & Woodland Ecosystem
- Horticultural Science
- HVAC Fundamentals
- Introduction to Agribusiness
- Introduction to Agriscience
- Landscape Design, Construction & Maintenance
- Learn to Fly
- Plant & Soil Science
- Professional Communications
- Professional Standards in Agribusiness
- Scientific Research & Design
- Small Animal Care & Management
- Turfgrass Management
- UAS Remote Pilot Certification (FAA Part 107 Training)
- Veterinary Medical Applications
- Wildlife, Fisheries & Ecology Management

Business, Marketing, Finance, IT & Media

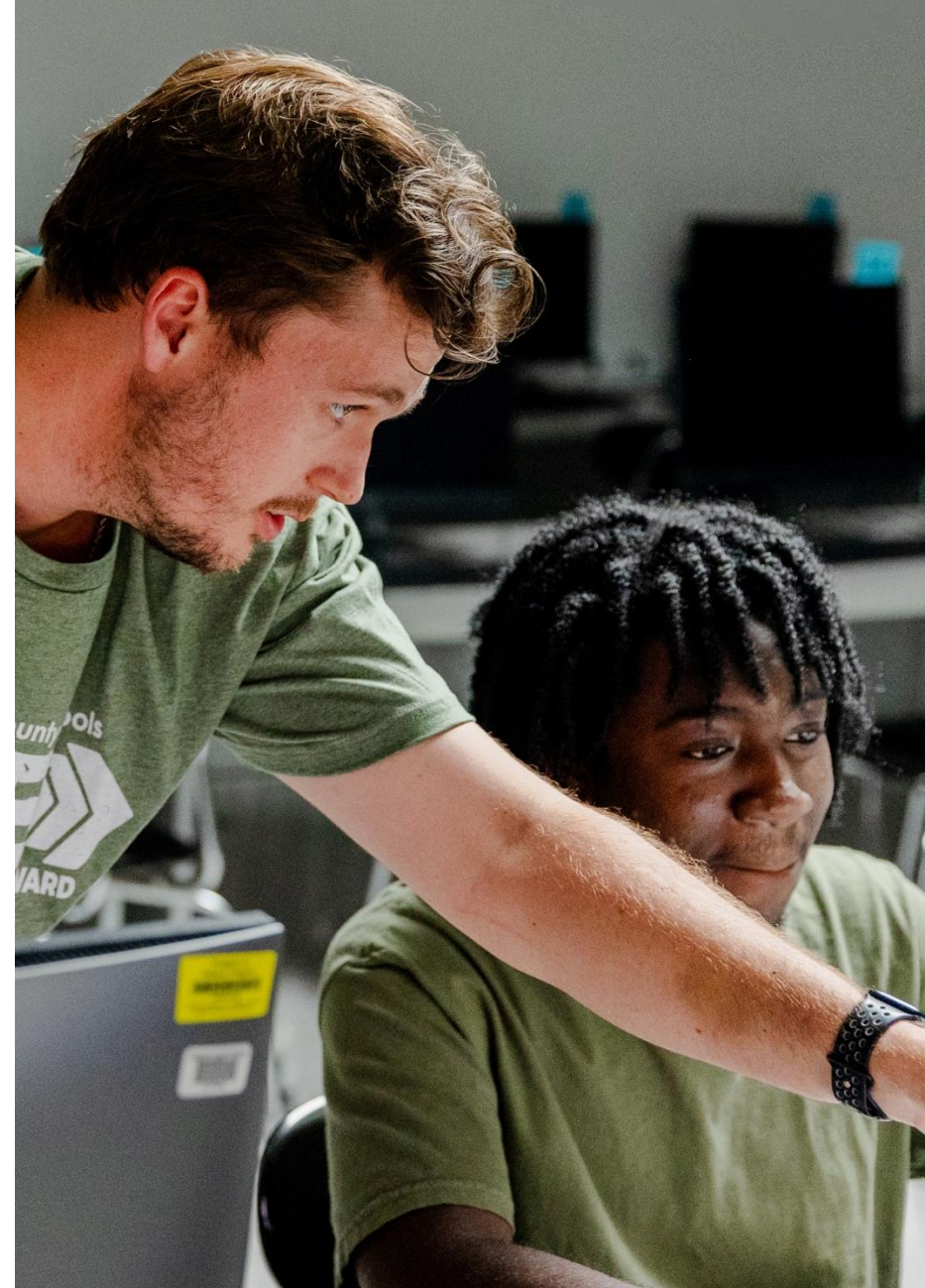
All-Inclusive, Standards-Aligned CTE Curriculum & Instructional Materials

- Accounting I
- Accounting II
- Advanced Business Computer Applications
- Advanced Marketing
- Advertising
- AV Production I
- Business Computer Applications
- Business Fundamentals
- Business Law
- Business Management
- Career Readiness & Digital Literacy

- Computer Applications
- Digital Media
- Entrepreneurship
- Fashion Marketing
- Google Applications
- Graphic Design & Illustration
- Human Resources Management
- International Business
- Introduction to Business, Marketing & Finance
- Keyboarding
- Marketing Fundamentals
- Personal Finance



- Principles of Arts, Audio/Video Technology & Communications
- Principles of Information Technology
- Professional Communications
- Retailing & E-tailing
- Social Media Marketing
- Sports & Entertainment Marketing
- Virtual Business





Architecture, Construction Transportation & Manufacturing

All-Inclusive, Standards-Aligned CTE Curriculum & Instructional Materials



- Construction Technology I
- Diesel Equipment Technology I
- Diesel Equipment Technology II
- Drone Theory & Design
- HVAC Fundamentals
- Introduction to Welding
- Learn to Fly
- Principles of Architecture
- Principles of Construction
- Principles of Manufacturing
- Principles of Transportation, Distribution & Logistics
- Professional Communications
- Small Engine Technology
- UAS Remote Pilot Certification (FAA Part 107 Training)
- Welding I
- Welding II

Law, Public Safety, Corrections & Security

All-Inclusive, Standards-Aligned CTE Curriculum & Instructional Materials



- Court Systems & Practices
- Drone Theory & Design
- Forensic Science
- Law Enforcement I
- Law Enforcement II
- Learn to Fly
- Principles of Law, Public Safety, Corrections & Security
- Professional Communications
- UAS Remote Pilot Certification (FAA Part 107 Training)

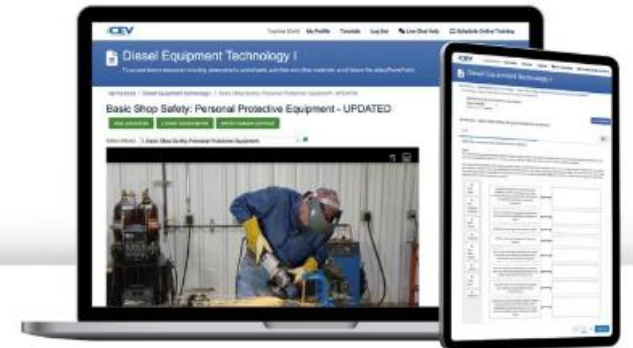




Transportation: Automotive, Diesel & Small Engines

All-Inclusive, Standards-Aligned

CTE Curriculum & Instructional Materials



- Alternate Fuels & Hybrid Vehicles
- AST/MAST: Automatic Transmissions
- AST/MAST: Batteries, Starting & Charging
- AST/MAST: Brakes
- AST/MAST: Drivetrain
- AST/MAST: Electrical
- AST/MAST: Engine Performance
- AST/MAST: Engine Repair
- AST/MAST: HVAC
- AST/MAST: Service & Safety
- AST/MAST: Steering & Suspension
- Automotive Service
- Diesel Equipment Technology I
- Diesel Equipment Technology II
- Electrical Circuits & Meters I
- Electrical Circuits & Meters II

- Emissions
- General Chemistry
- MD HD: Brake Systems
- MD HD: Diesel Aftertreatment
- MD HD: Diesel Engines
- MD HD: Drivetrain
- MD HD: Electrical Systems
- MD HD: HVAC
- MD HD: Hydraulics
- MD HD: Preventive Maintenance & Inspection/Service
- MD HD: Steering & Suspension
- MLR: Automatic Transmissions
- MLR: Batteries, Starting & Charging
- MLR: Brakes
- MLR: Diesel Engines
- MLR: Drivetrain

- MLR: Electrical
- MLR: Engine Performance
- MLR: Engine Repair
- MLR: HVAC
- MLR: Service & Safety
- MLR: Steering & Suspension
- Personal & Professional Development (Automotive)
- Principles of Transportation, Distribution & Logistics
- Professional Communications
- Shop Safety
- Small Engine Technology



Middle School Digital Literacy & Career Exploration

All-Inclusive, Standards-Aligned **CTE Curriculum & Instructional Materials**



- Career & College Exploration
- Digital Literacy 6th
- Digital Literacy 7th
- Digital Literacy 8th
- Exploring Agriscience
- Exploring Business, Marketing & Finance
- Exploring Family & Consumer Sciences
- Exploring Health Science
- Exploring STEM
- Financial Literacy
- Keyboarding
- Professional Communications





Career Exploration

All-Inclusive, Standards-Aligned **CTE Curriculum & Instructional Materials**

- Career Exploration
- Professional Communications



Health Science

All-Inclusive, Standards-Aligned **CTE Curriculum & Instructional Materials**

- Anatomy & Physiology
- Certified Nursing Assistant (CNA) Preparation Materials
- Counseling & Mental Health
- Forensic Science
- Health Science Theory
- Medical Assistant
- Medical Coding & Billing
- Medical Microbiology
- Medical Terminology
- Nutrition & Wellness
- Pathophysiology
- Principles of Health Science
- Professional Communications





Family and Consumer Sciences

All-Inclusive, Standards-Aligned CTE Curriculum & Instructional Materials



- Child Development
- Child Development Associate Foundations
- Child Guidance
- Counseling & Mental Health
- Culinary Arts
- Exploring Family & Consumer Sciences (Middle School)
- Family & Community Services
- Fashion Design
- Fashion Marketing
- Food Science
- Hospitality Services
- Hotel Management
- Human Growth & Development
- Human Services
- Instructional Practices
- Interior Design Basics
- Interpersonal Studies
- Introduction to Culinary Arts
- Introduction to Family & Consumer Sciences
- Nutrition & Wellness
- Personal Finance
- Principles of Education & Training
- Principles of Hospitality & Tourism
- Professional Communications
- Travel & Tourism Management

Cosmetology & Barbering

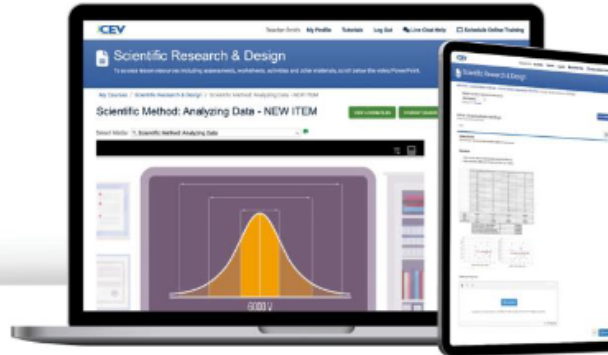
All-Inclusive, Standards-Aligned CTE Curriculum & Instructional Materials

- Anatomy & Physiology
- Barbering Careers
- Barbering Equipment, Implements & Tools
- Braiding, Hair Additions & Wigs
- Chemical Texturizing
- Chemistry
- Electricity
- Employability & Salon Ownership
- Hair & Scalp Disorders
- Hair Design
- Haircoloring
- Haircutting
- Hairstyling
- Infection Control & First Aid
- Introduction to Cosmetology
- Men's Facial Treatments
- Men's Hair Replacement
- Men's Haircutting & Styling
- Men's Shaving & Facial Hair Design
- Nail Technician
- Personal & Professional Development
- Professional Communications
- Skincare Fundamentals I
- Skincare Fundamentals II
- Trichology



Science, Technology, Engineering & Math

All-Inclusive, Standards-Aligned CTE Curriculum & Instructional Materials



- Applied Physics & Engineering
- Computer Science I
- Drone Theory & Design
- Engineering Design & Presentation I
- Engineering Design & Presentation II
- Engineering Design & Problem Solving
- Engineering Science
- Forensic Science
- Foundations in Cybersecurity
- Fundamentals of Computer Science
- Learn to Fly
- Principles of Applied Engineering
- Professional Communications
- Robotics I
- Scientific Research & Design
- UAS Remote Pilot Certification (FAA Part 107 Training)



Industry Certifications





Maryland State-Approved Industry-Recognized Certifications

Hosted on the iCEV Certification Testing Platform



BASF

Plant Science



National Horse Judging Team Coaches' Association

Equine Management & Evaluation



Ducks Unlimited

**Ecology Conservation
& Management**



National Collegiate Livestock Coaches' Association

**Principles of Livestock Selection
& Evaluation**



Equipment & Engine Training Council

**Principles of Small Engine
Technology**



NRCS

**Fundamentals of Conservation
& Sustainability in Agriculture**



Elanco

Fundamentals of Animal Science



Sports Field Management Association

Turfgrass Science



Elanco

Veterinary Medical Applications



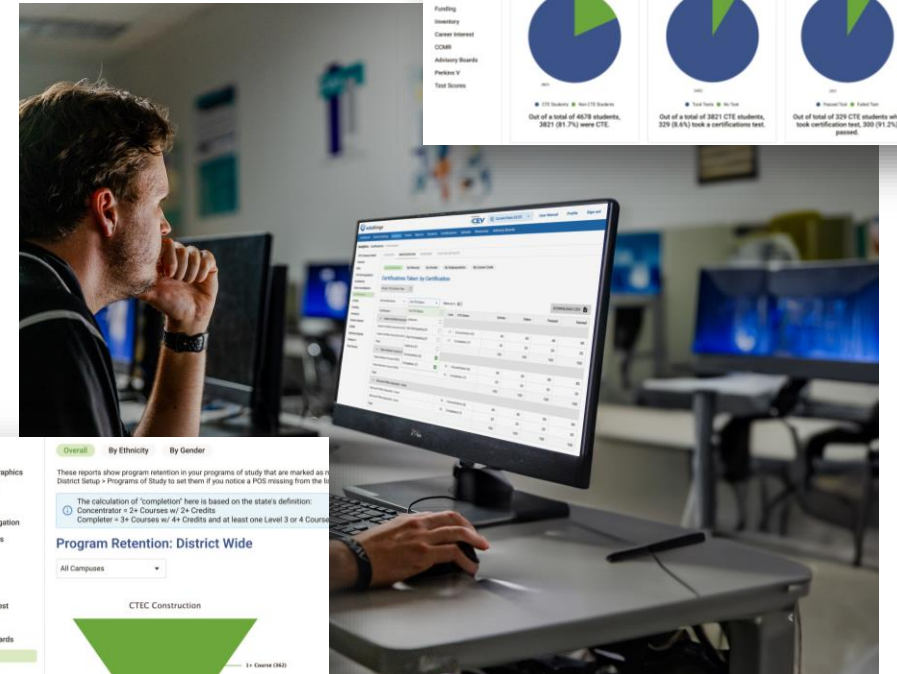
Your CTE Command Center

Go Beyond Tracking

Identify trends, celebrate student achievement and highlight areas for improvement.

Key Reports & Features

- Industry-Based Certifications
- Work-Based Learning
- CTSO Participation
- Advisory Boards
- Inventory Management





Thank You!

Questions?

The World Needs CTE