

Prepare your students for the *AI-powered* trades & industries of tomorrow.

AI is already on the shop floor, in the clinic, behind the diagnostic scanner, and inside the design suite. JFY's **AI Professional Development** equips CTE and Voc-Tech educators to teach with it, teach about it, and prepare every student for an AI-augmented career — responsibly, confidently, and based on education and industry standards.

● *Industry-Aligned*

Based on the US DOL AI Literacy Frameworks.

● *Educator-First*

Classroom-tested approaches that support hands-on CTE instruction.

● *Ethics-Centered*

Responsible, equitable AI use grounded in student opportunity.

| OUR AI PD

Four pathways. *One CTE strategy.*

AI Foundations for CTE Educators

01

Shared, accurate understanding of AI for shop, lab, and classroom instructors.

What AI is & isn't • impact on work • CTE use cases • ethics & risks

Classroom & Lab Integration

02

Hands-on PD tailored by program area — turn AI curiosity into instructional impact.

Lesson planning • project feedback • authentic assessment • creativity

AI for Voc-Tech Directors & CTE Leaders

03

For superintendents, principals, and CTE directors — build vision and policy.

Roadmap • responsible-use policy • change management • industry comms

The AI Creative Edge

★ FOR CTE

04

Go beyond efficiency to "Opportunity." Designed for CTE teachers and tech leaders ready to prepare students for future careers in IT, Graphic Design, Programming, Advanced Manufacturing, Video Production and other industries being transformed by Generative AI.

Creative expression • PBL • future-of-work readiness • ethical design

| WHY THIS MATTERS NOW

AI is transforming *every* CTE pathway.



HEALTH SCIENCES

Diagnostics, charting, imaging, patient workflows



AUTOMOTIVE & EV

AI diagnostics, ADAS, battery analytics



IT & CYBERSECURITY

Threat detection, copilot coding, automation



CULINARY & HOSPITALITY

Forecasting, menu engineering, guest AI



MANUFACTURING

Predictive maintenance, generative CAD, robotics



CONSTRUCTION

BIM intelligence, drone surveying, estimating



BUSINESS & MEDIA

Generative content, AI analytics, service bots



EDUCATION PATHWAYS

Differentiation, lesson design, AI literacy

| THE OUTCOME

Alignment, clarity & *momentum.*



Confident, responsible AI use

Instructors lead AI conversations with students and industry partners.



Time saved, instruction strengthened

Less paperwork, more shop-floor mentorship and student outcomes.



Industry-aligned learning

Projects and capstones that mirror real AI use in the field.



Future-ready graduates

The AI literacy employers and postsecondary partners require.

FLEXIBLE FORMATS

We meet you where you are.



WORKSHOPS



MULTI-SESSION



LEADERSHIP INST.



COACHING



TRAIN-THE-TRAINER



BUILD LAB

LET'S BUILD YOUR AI PATH FORWARD

AI isn't a future initiative — it's a *"now"* imperative.

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