

PURPOSE

This workshop builds working fluency with AI tools alongside something most trainings skip: durable judgment about when to use them, when to override them, and when to decline. Rather than treating AI literacy as tool training, the workshop treats it as a human-technology relationship — participants learn to evaluate outputs critically, recognize where design choices shape behavior, and practice disclosure and ethical reasoning as active skills, not abstract discussion points.

GOALS

- Build foundational understanding of how AI systems work — enough to reason about their limits, not just their features, and to explain that reasoning to students in plain terms
- Teach comparative evaluation as a transferable method: running the same task through competing tools and judging outputs on defined criteria — and be able to model that process for a class, not just perform it yourself
- Practice auditing AI outputs for bias, fabrication, and persuasive framing using structured, repeatable methods, so you can articulate why an output is weak or harmful rather than relying on instinct or blanket rules
- Develop applied ethical judgment — through hands-on interface critique and a documented record of AI outputs rejected and why — so you can bring students into that same reasoning process instead of just enforcing a policy

ALIGNMENT WITH CCCC HUMAN PRINCIPLES

This workshop aligns with the California Community Colleges Chancellor's Office HUMANS principles for responsible AI adoption.

COURSE COMPONENTS MENU

Topics below are modular. Sessions are built around the client's preferred focus and available time.

THEME	SAMPLE COMPONENTS
Foundations — Hardware & Networks	How computers process and store data; the internet and how networks route information; cloud computing basics; what happens when you “send” a prompt
Foundations — Software (AI, ML, NLP)	AI taxonomy (narrow / general / agentic); how machine learning and NLP work; how large language models generate text; hands-on classifier training (Google Teachable Machine)
Prompting & Verification	Structured prompting (RTRI framework); hallucination auditing; lateral reading and fact-checking
Comparative Tool Evaluation	Side-by-side comparisons of text, image, and audio tools against defined evaluation criteria
Bias & Consequence	Bias audits across AI-generated content; privacy, intellectual property, and labor considerations
Interface & Interaction	Usability heuristics; dark-pattern audits; human-AI interaction principles; optional: basic game design
Classroom Tools & Applications	Code.org for teaching computational thinking; Google NotebookLM for source-grounded research and study support; adapting AI Assessment Scale tiers for K-12/higher-ed assignments
Applied Practice	Build-a-bot exercises; deepfake and synthetic-media detection; discipline-specific applications